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PENDF: A LIBRARY OF NUCLEAR DATA FOR MONTE CARLO CALCULATIONS DERIVED FROM DATA IN THE ENDF/B FORMAT

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ABSTRACT

A specialized pointwise evaluated nuclear data library in a format suited for input to continuous energy Monte Carlo codes has been developed from the ENDF/B at the Los Alamos Scientific Laboratory. Prominent features of the data for a particular nuclide are as follows: (1) A complete description of all alterations made to the original ENDF/B data is contained in the file. (2) All resonance parameters are processed into point-wise cross-section data for a specified temperature. (3) The cross-section data for all reactions are placed on a common energy mesh sufficiently dense to allow linear-linear interpolation between points to some specified tolerance. Excess data points are thinned to a specified tolerance. (4) Angular distributions of secondary neutrons are expressed as scattering angle cosine vs probability tabulation in which the angle cosine points are given at equal probability intervals. (5) If the energy distribution of secondary neutrons is expressed as a tabulation of secondary energy vs probability in the original ENDF/B file, the secondary energy points are also recalculated at equal probability intervals as in (4). (6) All gamma-ray production cross sections and gamma-ray spectra are summed and expressed as a single isotropic, nonelastic reaction. The gamma-ray production cross sections are given on the same energy mesh as the other reactions.

I. INTRODUCTION

The Evaluated Nuclear Data File-B (ENDF/B)[1] formats allow nuclear data to be presented in concise, temperature-independent forms which generally cannot be applied directly to computational codes. This report describes the ENDF/B data processing to generate a temperature-dependent "pointwise" ENDF data file (a PENDF file) that can be used by computational codes, such as the Los Alamos Scientific Laboratory (LASL) Monte Carlo codes, which require cross-section data input as a function of energy.

The PENDF data resulting from the processing are output in the ENDF/B format. The data for a particular evaluation of a material, designated by a MAT number, are given in several "files," depicting types of data, designated by MF numbers, and are given for numerous "reactions" or "sections," designated by MT numbers. A very brief description of the organization of the ENDF/B data follows.

A. MF = 1

The first section of this file, MT = 451, contains a wealth of Binary Coded Decimal (BCD) information describing the details of the following evaluation. A complete list of references is usually included, and an index of the data to follow is given.

Other MT numbers are assigned for retrievable numerical data in MF = 1; for example, MT = 452, 455, and 456 are the sections for total, delayed, and prompt values of nu-bar, or the average number of neutrons per fission, respectively, given as functions of energy. These may be tabulated or listed as coefficients of a polynomial.

B. MF = 2

This file contains parameters for resolved and unresolved resonances, all designated by a single MT number (MT = 151). The data for resolved resonance parameters include lists of resonance energies, spins,

and total, neutron, capture, and fission widths, all of which may be given for several values of ℓ and j. The unresolved resonance parameter data include average widths and spacings for many regions.

If resonance parameters are not given in a particular evaluation, as is often the case for the light nuclides, the minimum data required by the ENDF/B format in MF = 2 is the scattering radius A for the nuclide. This can be approximated[1] by

$$A = [1.23(AWR)^{1/3} + 0.8] \times 10^{-1}$$

$$\text{(in units of } 10^{-12}\text{cm)} \quad ,$$

where AWR is the atomic weight ratio (atomic weight of nuclide divided by weight of neutron) for the nuclide.

A special format is used for File 2 when only the scattering radius is given.

C. MF = 3

The "smooth" cross sections are tabulated as functions of energy for all reactions in this file. Smooth "background" cross sections are given in the resonance regions that are to be added to cross sections calculated from the resonance parameters for some particular temperature. The nuclear reaction's evaluation is designated by the MT number; for example, MT = 1 is the total cross section, MT = 2 is elastic scattering, MT = 3 is total nonelastic, MT = 4 is total inelastic, etc.

D. MF = 4

The data for the angular distributions of the secondary neutrons resulting from a particular reaction are given in this file. These may be expressed as tabulations of normalized probability vs the cosine of the scattering angle, or as the coefficients of a Legendre polynomial fitted to such a tabulated distribution. Also, the data may be expressed in the laboratory or center-of-mass systems, and a transformation matrix to the other system may or may not be given. MT numbers (reactions) which appear in MF = 4 must also appear in MF = 3.

E. MF = 5

The energy distributions (spectra) of the secondary neutrons resulting from particular reactions are given in MF = 5. These can be expressed as combinations of several "laws," designated by LF numbers, which can include tabulated distributions (LF = 1) as well as a number of analytic functions, for example, a Maxwellian (LF = 9). If an analytic function is used, a dependent parameter in the function, such as a nuclear temperature θ may be expressed as a function of incident neutron energy. If a combination of several laws is used to express the energy distribution of a particular reaction's secondary neutrons, the combination is achieved by designating a probability of each law holding as a function of energy. The sum of the probabilities over the laws is equal to one. The MT numbers in MF = 5 represent nuclear reactions and are in one-to-one correspondence with those in MF = 3 and MF = 4.

F. MF = 6

This file has been set aside for including distributions of secondary neutrons that are correlated in energy and angle. When this report was written no data had been placed in this file in any of the ENDF/B evaluations. Also, the format prescribed in Ref. 1 for this file possibly will be revised before the file is ever used.

G. MF = 7

Thermal scattering law data [$S(\alpha,\beta)$] are given in this file. Because these data are temperature dependent and are numerous for moderating materials, special ENDF/B tapes containing only thermal data are usually prepared. MF = 7 is included in these tapes with thermal data up to about 3 eV from the other files.

H. MF = 12 - MF = 15

These are gamma-ray production files, which can either be expressed as a multiplicity in File 12 or as a cross section in File 13. The angular distributions of the produced gamma rays are given in File 14, and the gamma-ray spectra are given in File 15. The MT numbers in these files are in correspondence with the MT numbers in the neutron files; that is, they correspond to the gamma-ray producing nuclear reaction. Thus, an MT = 102 in MF = 12 means the multiplicity of photons from capture for that material and the gamma-ray production cross section for capture can be obtained by multiplying numbers in this file and section with those in MF = 3, MT = 102.

I. MF = 23, MF = 27

These are the photon interaction files, which are usually placed on a different ENDF/B tape so that the data for all elements are kept together.

II. FEATURES OF THE POINTWISE EVALUATED NUCLEAR DATA FILE - PENDF

The Pointwise Evaluated Nuclear Data File (PENDF) is specifically designed as a data base for Monte Carlo codes. For rapid retrieval during Monte Carlo execution, cross sections should be stored on as few energy meshes as possible, for example, a common energy mesh for all reactions for a given nuclide. In addition, no interpolation more sophisticated than linear-linear should be used. In log-log interpolation, three logarithms and one exponentiation may be required to interpolate one cross section, which takes about 100 times longer than linear-linear interpolation on a CDC-6600. Finally, when calculations of cross sections from resonance parameters, phase shifts, etc., become sufficiently time consuming, it is more efficient to calculate point-wise cross sections beforehand and store these for later retrieval during Monte Carlo execution.

Nuclear data other than neutron cross sections can also be optimized for Monte Carlo retrieval. The angular distribution data of secondary neutrons emitted in specific nuclear reactions are best expressed by a list of scattering angle cosines that delimit intervals of equal probability. Similarly, a list of secondary energies delimiting equal probability intervals for the energy distribution of the emitted neutrons is also desirable.

In applying Monte Carlo to perform coupled neutron-gamma-ray transport calculations, the source terms for gamma transport are derived from the neutron flux and gamma-ray production cross sections. Thus, having gamma-ray production cross sections on the same mesh as the neutron cross sections is convenient. Because this source term includes gamma-rays from all nuclear reactions, having the contributions from the various reactions summed is also convenient. Finally, an isotropic representation of the gamma-ray spectra binned in a "standard" neutron and photon group structure is desirable.

To implement all of the foregoing, the following changes are made, by file, in transforming ENDF/B data to PENDF data.

A. MF = 1

All original BCD information in MT = 451 is retained, but additional information is added, including the processed temperature of PENDF data, the Doppler broadening technique, tolerances set for linearization and thinning, pointwise resonance description, etc. The data index is corrected to properly describe the PENDF data to follow.

If the data for the average number of neutrons released in total (MT = 452), delayed (MT = 455), and prompt (MT = 456) fission are represented by coefficients of a polynomial, these are transformed into tabulated values [average number of neutrons $\bar{\nu}$ vs incident energy (E)]. The points in the tabulation are sufficiently dense to allow linear interpolation to within an input specified tolerance. This tolerance is recorded as part of the BCD information given in MT = 451.

All other MT numbers in File 1 of the ENDF/B data are copied without alteration onto the PENDF.

B. MF = 2

Only the special representation that gives the scattering radius A is used for File 2 in the PENDF. All resonance parameters in the ENDF/B are converted into pointwise data for the specified input temperature and are added to the smooth data of File 3.

C. MF = 3

All smooth cross-section data in PENDF are supplied on a common energy mesh, which may vary from material to material. Cross sections are tabulated at energies greater than or equal to the threshold for the reaction; superfluous zeros are thus suppressed. The common energy mesh is sufficiently dense to permit linear-linear interpolation for cross sections as functions of energy, accurate to within some input-specified tolerance. This tolerance is recorded in MF = 1, MT = 451. A total cross section is supplied, which is the sum of all partial cross sections. The parametric representations (ENDF/B File 2) are expressed as smooth cross sections (PENDF File 3) at a given temperature. If the ENDF/B data contains unresolved resonance parameters, several tables are given. The information contained therein represents the cross section as a function of energy for particular values of the self-shielding parameter σ_0 (expressed in barns per atom). The format used for this data is not a "legal" ENDF/B format, and the energy mesh used in these tabulations includes only points in the unresolved resonance region.

D. MF = 4

The angular scattering distributions are first thinned (as a function of incident energy) to the input-specified tolerance (recorded in MF = 1, MT =

451) and then expressed as a tabulation of probability as a function of cosine of scattering angle μ. The values of μ are chosen to delimit intervals of equal probability. The number of μ values is specified by the user.

E. MF = 5

This file is copied directly from ENDF/B to PENDF unless the energy distributions for secondary neutrons are expressed in tabular form (LF = 1, where probability is tabulated as a function of energy). In this case, the secondary energy mesh is recalculated at points to delimit intervals of equal probability. As in File 4, the number of energy points for the secondary energy mesh is user specified.

F. MF = 12

All File 12 data on ENDF/B are combined with the appropriate pointwise data in File 3 and are added to File 13. There is no MF = 12 on the PENDF tape.

G. MF = 13

All gamma-ray production cross sections are placed on the basic incident energy mesh used in File 3 and are added together to produce a single reaction. The total gamma-ray production cross section from this reaction is considered to be produced from a nonelastic cross section, and the reaction is thus assigned an MT number equal to three (MT = 3).

H. MF = 14

The produced gamma rays are approximated to be isotropic in the PENDF. The isotropic format specified in Ref. 1 is used for this file.

I. MF = 15

An input energy bin structure for both incident neutron energies and produced gamma-ray energies is used for this file. Furthermore, all reactions are combined to form spectra for the single nonelastic reaction, MT = 3. Estimates of the loss of accuracy by treating the gamma-ray spectra in this manner are given in MF = 1, MT = 451.

Any other information included in the ENDF/B, but not referred to above, is copied directly to the PENDF.

III. PENDF PROCESSING - THE ETOPL PACKAGE

The processing of the ENDF/B to produce a PENDF is achieved with a system of linked codes which, taken altogether, is called ETOPL - ENDF/B to Pointwise Library. The flow of data between the codes comprising ETOPL is shown in Fig. 1. Converting ENDF/B resonance parameters to pointwise data can be done either with the MINX[2] code or the PNTETOE code. In either case, the output is kept in a permanent file for subsequent multiple use. The TOPFIL segment prepares a permanent File 4 in the PENDF form after thinning the file. Because these data are not temperature dependent, they need be prepared only once for a specified tolerance. The TOPFIL code is also used in preparing File 5 data in the proper PENDF format. This area of the routine may be bypassed if the ENDF/B tape does not contain materials having MF = 5 data expressed with the LF = 1 option.

Output tapes from TOPFIL, MINX, or PNTETOE are used by the ETOPL code proper, which prepares the final PENDF tape. The main routines of this code are linked together in an overlay structure as shown in Fig. 2.

The PNDFPRP overlay reads the tape output from the other codes and combines these data with the unaltered ENDF/B data. The resulting output is then operated upon by the LUST segment, which Linearizes, Unionizes, Scrutinizes, and Thins the data. An alternate thinning method is available in the KLUST routine, and the SHELDIT routine transfers the σ_0 dependent data to the PENDF tape. The final segment in the code, GAMMADD, prepares the gamma-ray production data in the required PENDF format. The details of the ETOPL code links are further discussed below and in the appendixes.

A. The Resolved Resonance Region

Two methods are available for producing Doppler (temperature) broadened pointwise cross sections in the resolved resonance region. These are the (ψ,χ) method and the kernel-broadening method. The details and a graphical comparison of the two methods are given in Appendix A. The (ψ,χ) broadening technique is done with the PNTETOE code, which is a modification of the ETOE[3] code. Only elastic scattering (MT = 2), fission (MT = 18), and capture (MT = 102) are handled by this code, and the output contains only pointwise cross sections for these reactions in the ENDF/B format. The data for a number of nuclides are included on a single tape, however. Thus, as shown in Fig. 1, an ENDF/B tape must also be used as input to the ETOPL code proper to obtain the unaltered ENDF/B data when resonance data is obtained from a PNTETOE tape.

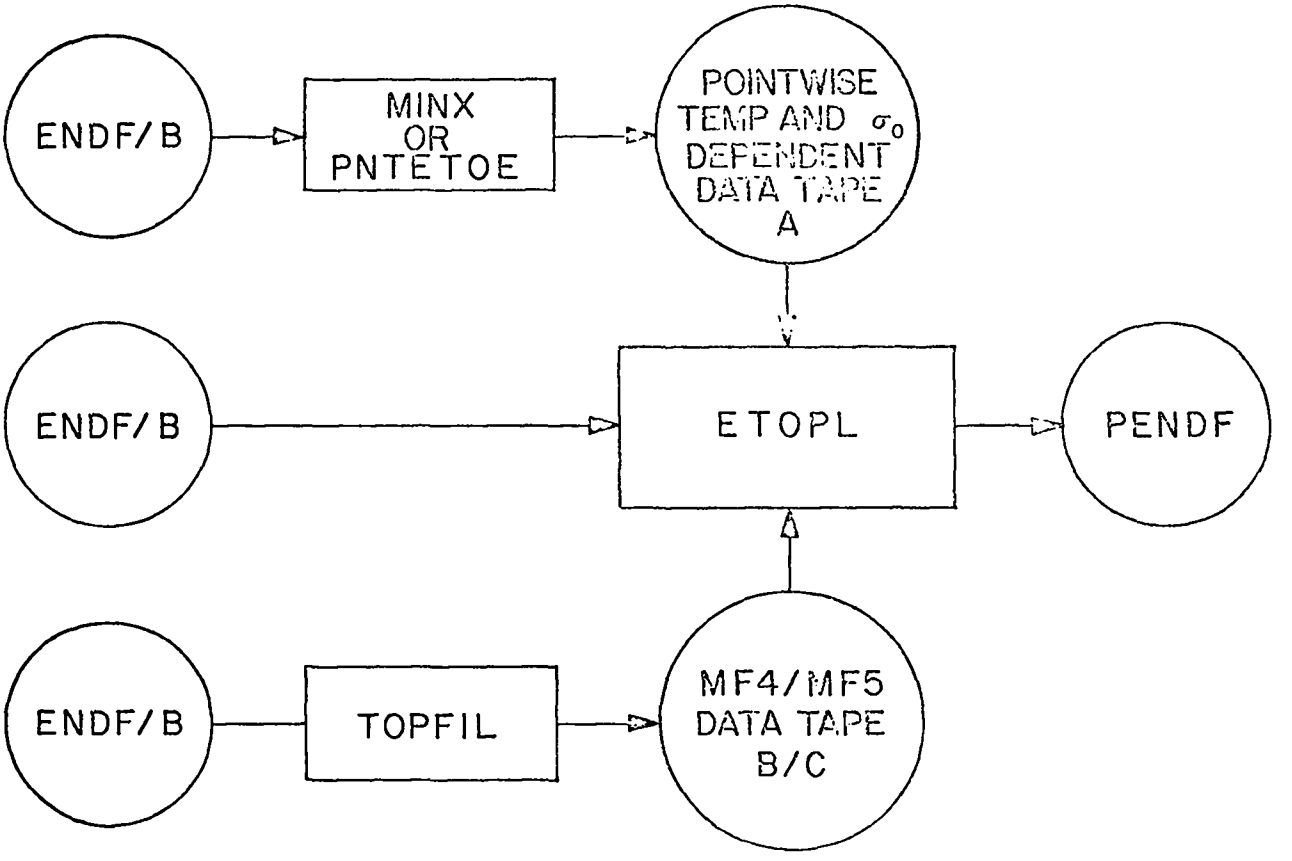


Fig. 1. Flow of data between the codes comprising the ETOPL code system.

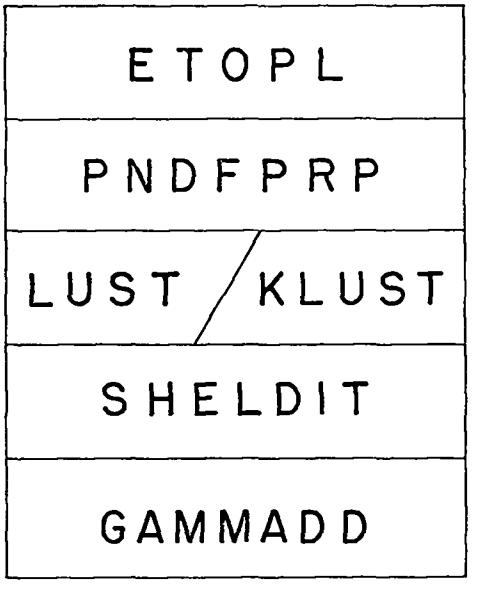


Fig. 2. Main routines of ETOPL code linked together in an overlay structure.

Pointwise data that have been kernel broadened are output by the MINX code. This output consists of a single nuclide at several temperatures. Because each set contains all unaltered data as well as the temperature-broadened data, an additional ENDF/B tape is not needed for ETOPL input. All MF = 3 reactions are broadened on the MINX tape.

B. Unresolved Resonance Region

Because only average data is in the "pointwise" representation of the unresolved resonance region, the data must be given for several values of the self-shielding parameter σ_0. The PNTETOE code uses the J-function technique in the "point" calculation of the unresolved resonance region, which is similar to that used in MC^2 (Ref. 4). No sequence overlap correction is provided by this method. MINX uses the subroutines of the $ETOX^5$ code, which are similar to those in MC^2 but which allow for sequence overlap. Details of the unresolved resonance region computation are given in Appendix B.

C. Secondary Angular Distribution - MF = 4, and Secondary Energy Distribution - MF = 5

The TOPFIL code consists of two principal routines, LEGTHIN and PNTLIB4, for preparing the MF = 4 data in the PENDF format. All materials on one ENDF/B tape are prepared in one run of the code; the LEGTHIN routine thins the number of angular distributions given for a particular reaction to some input tolerance. The PNTLIB4 routine converts the thinned distribution to tabular distribution on a scattering angle cosine μ mesh selected to delimit intervals of equal probability. Details are in Appendix C.

Routines from PNTLIB4 are also used for preparing data for MF = 5. This is necessary only when the distribution of the energy of the secondary neutron is expressed as a tabulation (LF = 1). Data in this form are transformed to tabulated data in which the secondary energies are given at equal probability/unit energy cut points. The analytic forms of File 5 data are merely copied.

D. Merging of Pointwise Resonance Data and Angular Distribution Data with Unaltered ENDF/B Data - The PNDFPRP Overlay of ETOPL Proper

A small code, PNDFPRP, takes pointwise data generated from resonance parameters and takes output from TOPFIL and combines these with the unaltered data in ENDF/B. This processing is done for a single material (MAT number) only. If output from PNTETOE is to be used, an original, unaltered tape must also be mounted for the unaltered data input for PENDF, as the PNTETOE output contains data only for those reactions having resonance parameters (elastic scattering, fission, and capture). If MINX output is to be used, the additional tape need not be mounted because the MINX ouput contains unaltered data as well as the altered data. Finally, if the evaluated data for the nuclide does not include resonance parameters, only the original ENDF/B data tape need be mounted for PNDFPRP.

The combined data for the single MAT is put on a temporary file that is read by the LUST segment. Provision is also made in PNDFPRP for changing $\bar{\nu}$ (MAT = 452) expressed as polynomial coefficients to a tabulation. A special File 2 is added.

E. Linearization, Unionization, Scrutinizing, and Thinning - the LUST and KLUST Overlays

File 3 smooth cross sections for a single material are retrieved from the PNDFPRP output. Then, reaction by reaction, a minimal number of data points are added to permit linear-linear interpolation within a specified tolerance in place of the original interpolation scheme. Next, a data set is prepared such that all reactions are on a common energy mesh. Finally, this mesh is examined for points lying within a second specified tolerance (scrutinized), and superfluous points are removed (thinned). Two options are available for thinning, namely, a standard "three point" technique and a more sophisticated "longest tunnel" technique.[6] These two methods are compared in Appendix D.

F. Shielded Cross-Section Data - The SHELDIT Overlay

Both the output tapes from MINX and PNTETOE may contain data for the unresolved resonance region for several values of the self-shielding parameter σ_0. As an option, these data can be copied from either tape, placed on the common energy mesh, and added to the PENDF tape by the routine "SHELDIT."

G. The Gamma-Ray Production Files - MF = 12, MF = 13, MF = 14, and MF = 15 - The GAMMADD Overlay

If the evaluation of the nuclide being processed does not include gamma-ray production data, the output of the LUST segment may be a permanent file. If gamma-ray production data are present, however, further processing is necessary for meeting the PENDF requirements. This processing is done with the GAMMADD overlay, which sums all reactions and places the result (MT = 3) on the energy mesh common to that of File 3. The overlay also calculates approximate isotropic spectra for this summed reaction on some input incident neutron energy and secondary gamma energy meshes.

IV. INPUT SPECIFICATIONS FOR THE ETOPL CODE PROPER

As a normal procedure, the codes MINX, PNTETOE, and TOPFIL are run separately for various combinations of input parameters (temperature, tolerance, sigma-zero, etc.). Their outputs are stored on permanent files for multiple application to the ETOPL code proper.

The card input specifications for the PNTETOE code are the same as those for the ETOE code given in Ref. 3, and the input specifications for the TOPFIL code are given in Appendix C. Input specifications for the ETOPL code proper, by overlay, are shown in Table I.

TABLE I

INPUT SPECIFICATIONS FOR ETOPL

Column	Format	Symbol	Description
PNDFPRP			
Card 1			
1-6	I6	MATA	Desired Mat number on PNTETOE and ENDF/B tapes or on MINX tape.
7-12	I6	IRES	Number of σ_0 values used in unresolved region on PNTETOE tape; if no unresolved parameters, set to 1; if no resonance parameters or if MINX tape is used, set to 0.
13-18	I6	NSEQT	Sequence number only for MINX tape to locate data for desired temperature. For first data set on MINX or for PNTETOE tape, set to 0.
19-24	I6	LNUTST	Flag for conditional input if MT = 452 given as coefficient of polynomial.
25-30	I6	NMF5	Flag to denote whether MF = 5 data are to be read from tape 15; no = 0, yes = 1.
Cards 2-6			
1-66	6A10,A6	COMENT	Five cards of descriptive information to be input by user.
67-70	I4	MAT	This MAT number will appear on the final PENDF tape.
71-72	I2	MF	Must be 1.
73-75	I3	MT	Must be 451.

Conditional Input for LNUTST = 1

A hand-calculated tabulation for MF = 1, MT = 452 is required if the original ENDF/B data are expressed as polynomial coefficients. The tabulation must be in the proper ENDF/B format and must include a SEND card.

Cards 7-11

Five cards for MF = 2 (the number resonance option) in the ENDF/B format are supplied here.

Card 12			
1-6	I6	NCD2	Number of cards in MF = 2 is always 5.
7-12	I6	NCD32	Obsolete.
13-18	I6	NCD318	Obsolete.
19-24	I6	NCD302	Obsolete.
25-30	I6	LNU	Obsolete.
Card 13 - END			
1-6	I6	NCDB	Number of cards for each reaction (MT) in MF = 4 as taken from TOPFIL output.
LUST			
Card 1			
1-80	I6A5	TITLE	Any description to appear on output listing only.
Card 2			
1-12	E12.5	EPS1	Criterion for linear fit of ENDF/B data.
13-24	E12.5	EPS2	Criterion for thinning. Set to small value (10^{-5}) if thinning is to be done in KLUST.
Card 3			
1-6	I6	MATNO	Mat number used in PNDFPRP for PENDF tape.
7-12	I6	IDTAPE	Tape ID, not checked.
13-18	I6	NDFB	Output unit of PNDFPRP, usually 11.
19-24	I6	MODE	Mode of PNDFPRP tape, always 3.

TABLE I (cont)

Columns	Format	Symbol	Description
Card 4			
1-6	I6	KLST	To call KLUST, set = 1, otherwise set = 0.
Card 5			
1-6	I6	LABEL	Labelled tape set = 1, unlabelled tape, set = 0 (i.e., ENDF/B tape label, usually 1).
SHELDIT			
Card 1			
1-11	I11	IFSHELD	IFSHELD = 0, program returned, i.e., no multitables of σ_0 desired. IFSHELD = 1, multitables wanted.
12-22	I11	NPOS	Card number to position tape NPTE to proper temperature.
23-33	I11	NPTE	Number of either PNTETOE (usually 1) or MINX (usually 12) tape.
Card 2			
1-11	I11	MATA	Mat number of desired material on NPTE.
12-22	I11	NFISS	NFISS = 1, MT = 18 present on NPTE; NFISS = 0, no MT = 18.
Card 3			
1-11	E11.4	EL	Lower energy of unresolved resonance region.
12-22	E11.4	EU	Upper energy of unresolved resonance region.
GAMMADD			
Card 1			
1-11	I11	MAT1	Mat number used for PENDF tape in PNDFPRP.
12-22	I11	NCDS13	New number of cards in MF = 13.
23-33	I11	NCDS14	New number of cards in MF = 14.
34-44	I11	NCDS15	New number of cards in MF = 15.
45-55	I11	NCDICK	New number of cards in dictionary.
56-66	I11	NSICK	NSICK = 0, no gamma-ray production on tape. NSICK = 1, no unresolved resonance information on tape. NSICK = IRES, number of values of σ_0 used in unresolved resonance region.
67-70	I4	IDTP1	Final tape ID number.
Cards 2-11			
1-66	6A10,A6	HOL	Ten cards of descriptive information are input by user.
Card 12			
1-4	I4	ILIST	ILIST = 0, output file rewound; ILIST = 1, output file not rewound.
5-8	I4	IPRINT	IPRINT = 0, print suppressed, IPRINT = 1, print not suppressed.
Card 13			
1-4	I4	NCASES	Number of cases of gamma-ray production data on tape, i.e., MAT, MF, MT.
Card 14 to Card 14 + NCASES (Card X)			
1-4	I4	MAT	One card for each combination of MAT, MF, and MT that is on the tape. Data are usually for a single MAT number.
5-8	I4	MF	
9-12	I4	MT	
Card X + 1			
1-4	I4	ILIST	Redundant, set = 0.
5-8	I4	IPRINT	Redundant, set = 0.

TABLE I (cont)

Columns	Format	Symbol	Description
9-12	I4	INTMPUN	Not used, set = 0.
13-16	I4	IPUNCH	Flag for tape output, set = 1.
Card X + 2			
1-4	I4	KI	Data tape, set = 1.
5-8	I4	KO	Data output, set = 0 or 3.
9-12	I4	NMT	Number of MTs in calculation.
13-16	I4	LMTFTR	Not used, set = 0.
17-20	I4	IS014	Anisotropic flag, set = 1.
Card X + 3			
1-4	I4	NB	Number of gamma-ray bins.
Card X + 4 - Card Y			
1-80	8E10.3	SB	NB values of gamma-ray energies. Read in any order. Code will order and automatically set lower bound. Energies in MeV.
Card Y + 1			
1-4	I4	NIE	Number of incident neutron energies.
5-8	I4	MATOUT	Output MAT number, not used, set = 0.
Card Y + 2 - Card Z, NIE cards, each card as follows:			
1-10	E10.3	ENL	Lower energy of incident neutron energy bin.
11-20	E10.3	ENH	Upper energy of incident neutron energy bin.
21-30	E10.3	XNAVG	Number of points used in averaging each bin (set = 10).
31-40	E10.3	THETA	Set = 0, not used for ETOPL.
Card Z - Final card, one card for each MT to be processed.			
1-10	E10.3	XMTFTR	Not used, set = 0.
11-20	E10.3	XMAT	Mat number in floating point.
21-30	E10.3	XMT	MT number in floating point.

KLUST

Card 1 (Note: Card is read in main ETOPL overlay.)			
1-6	I6	NBT(91)	Tape number of last tape made by previous routine. For NBT(91) = 0, KLUST not called.
7-12	I6	NBT(92)	Scratch tape number.
13-18	I6	NBT(93)	Final tape number.
Card 2			
1-80	8A10	ITITLE	Any title that will appear on output listing only.
Card 3			
1-10	E10.7	REL	Relative error of data fit.
11-20	E10.7	REL1	Thin tolerance.

NOTE: KLUST cannot be used in this version of ETOPL for materials for which multiple σ_0 tables in the unresolved resonance region are desired, because this routine presently will not handle the "illegal" format used in this representation.

V. SAMPLE PROBLEM

To illustrate the various features of the PENDF format and to demonstrate the flow of data through the ETOPL code package, a special nuclide was constructed by taking the data for ENDF/B-III U-235 (MAT 1157) and appending gamma-ray production data prepared for ^{235}U, ENDF/B-IV. These data were placed on a PERMFILE named TIIIG on the CDC-7600 for subsequent access by the codes in the package. The specific flow of data is shown in Fig. 3. In this example, the PNTETOE code is used for preparing the pointwise resonance data for ETOPL; note in Fig. 3 that the code RIGEL[7] is used to convert the ENDF/B data file (MODE3) to a "MODE2" data file. The input specifications for RIGEL are given in Ref. 7. Also note that because no tabulated secondary energy distributions are in the data, TOPFIL will prepare a tape only for MF = 4. A list of the cards used for the sampleproblem is given in Table II. Note in the input that LNUTST is zero as MT = 452 is given as a tabulation, and that the KLUST routine is not called because multiple σ_0 tables are used.

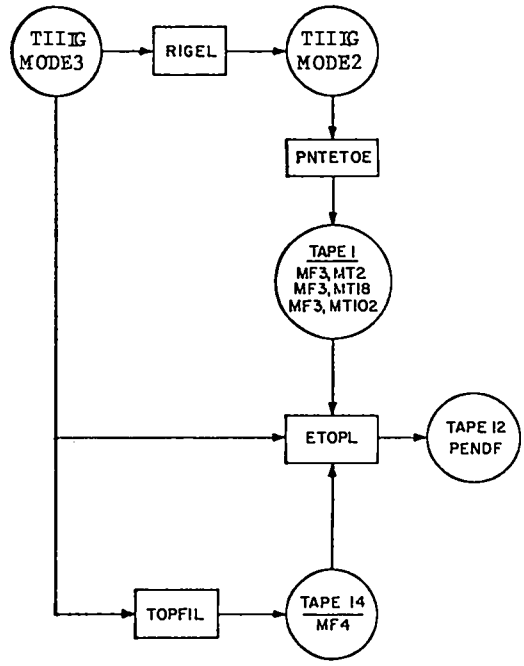


Fig. 3. Flow of data for sample problem.

Listings of "before" and "after" outputs for the example are given in Appendixes E and F, respectively. Differences between the ENDF and PENDF formats can be determined by comparing these two listings, Note the additional BCD comments and updated data index in File 1 of the PENDF listing. Note the absence of resonance parameters in File 2 of the PENDF listing and the linearly interpolated File 3 data on a common energy grid. Also note the "illegal" format expressing sigma-zero dependence in File 3, and note that all secondary energy distributions are given as tabulations in File 4 with 33 points delimiting equal probability areas except for the special 2-point isotropic representations. Finally, note the gamma-ray production files, specifically the absence of MF = 12, the single MT = 3 on the common energy grid used in MF = 13, the isotropic MF = 14, and the File 15 spectra given only for MT = 3 and on incidnet neutron and secondary photon energy meshes that have been input to the problem.

The running time for the sample problem was ~5 min.

TABLE II

LIST OF INPUT FOR SAMPLE PROBLEM

```
$JOB(NAME=T2HMH.UA=9502K311201ETPLSYS.CL=U,TL=9M.LC=400000.PL=700,AC=T02.PR=21)
$OPEN(FS=FSET14,SCT=100001
$OPEN(FS=FSET12,SCT=100001
$CREATE(FS=TIIIG,TYPE=SP.CL=U,REL=NEVER)
$IF.
$OPERM(FS=TIIIG,FSI=CCD1
$CREVER(FS=TIIIG,MT=XX009817,CL=U1
$UPD2(D,O,P=TIIIG.C=FSET121
$.   TIIIG IS PERMFILE CONTAINING DATA FOR MAT 57.
$.   THE MAT 57 DATA HAS BEEN PLACED ON TAPE 12.
$CREATE(FS=ETPLSYS.TYPE=SP,CL=U,REL=NEVER)
$IF.
$OPERM(FS=ETPLSYS,FSI=CCD)
$CREVER(FS=ETPLSYS,MT=XX001264,CL=U1
$UPDATE(P=ETPLSYS.ASF=Q,L=01
$RUN(I=COMPILE.C=S1
```

TABLE II (cont)

```
$LDGO(LC=155000B1
$.   THE RIGEL CODE HAS BEEN COMPILED AND RUN.  OUTPUT IS ON TAPE 14.
$REWIND(COMPILE1
$REWIND(BIN1
$REWIND(ETPLSYS1
$COPY(I=FSET14,O=FSET81
$.   TAPE 14 IS COPIED TO TAPE 8 FOR INPUT TO PNTETOE.
$UPDATE(P=ETPLSYS,ASF=Q,L=01
$RUN(I=COMPILE.C=S1
$LDGO(LC=155000B)
$.   THE PNTETOE CODE HAS COMPILED AND RUN.  OUTPUT IS ON TAPE 1.
$REWIND(FSET11
$REWIND(COMPILE1
$REWIND(BIN1
$REWIND(ETPLSYS1
$UPDATE(P=ETPLSYS,ASF=Q.L=01
$RUN(I=COMPILE,C=S1
$LDGO(LC=155000B)
$.   THE TOPFIL CODE HAS COMPILED AND RUN.  OUTPUT IS ON TAPE 14.
$.   TOPFIL USED TAPE 12 AS INPUT.
$REWIND(BIN)
$REWIND(COMPILE)
$REWIND(ETPLSYS1
$UPDATE(P=ETPLSYS.ASF=Q,L=01
$RUN(I=COMPILE,C=S1
$LDGO(LC=155000B)
$.   THE FTOPL CODE HAS COMPILED AND RUN.  OUTPUT IS ON TAPE 12.
$.   FTOPL USED TAPE 12. TAPE 14. AND TAPE 1 AS INPUT.
$.   TAPE 12 WAS USED IN AN EARLY ROUTINE AND WAS THUS AVAILABLE FOR
$.   FINAL OUTPUT.
$REWIND(FSET121
$COPYSF(I=FSET121
$.   AS INTERMEDIATE CODES AND ROUTINES RUN SUCCESSFULLY, THE OUTPUT
$.   FILE IS REWOUND.  FINAL RESULTS CAN ONLY BE OBSERVED BY
$.   COPYING TAPE 12 TO THE OUTPUT FILE.
$REWIND(FSET121
$AFSREL(FS=FSET12,ADISP=TAPE,POSMT=XX0051851
$FM.
*COMPILE TORNL
$FM.
*COMPILE RIGEL
$FM.
          2          1          12          0
          1         12

          2         14

$FM.
*COMPILE PNTETOE
$FM.
  TAPE FOR U-235 AT 1000 DEG.
     1     1     0     1
U235T     57     0     0     0     0 1.0     +05 1000.0          0     0
LASMAT
*COMPILE TOPFIL
$FM.
   1   1
   0   0   1   3   1   8
 3.0         0.05
*COMPILE FTOPL
$FM.
    57     5
**     TEMPERATURE = 1000 DEG K, CROSS SECTIONS IN UNRESOLVED   **  57 1451
**     RESONANCE REGION GIVEN FOR SIGMA-ZERO=10.100,1000,10000. **  57 1451
**     BARNS/ATOM PLUS INF. DIL.  MF4 THIN TOLERANCE = 3.0 PCT. **  57 1451
*****************************************************************  57 1451
*****************************************************************  57 1451
```

```
     4     14     33     26
   462
    10
    10
    10
    10
    10
    10
    10
    10
    10
    10
    10
    10
    10
    10
 9.22350+04 2.33025+02                                  1              57 2151     7
 9.22350+04 1.0                                 0       1              57 2151     8
 1.0     -05 1.5     +07          0             0                      57 2151     9
 0.          8.3690 -01                                 0              57 2151    10
                                                                       57 2  0
                                                                       57 0  0     2
MAT  57 PPOBLEM
 .01            .00001
    57     11     11      3
     1
     1
          1           0           1
         57           1
8.20008 +01 2.5     +04
         57         822         . 1         706          48           2   888
```

```
**********************************************************************
**********************************************************************
**                                                                  **
**     SAMPLE PROBLEM FOR ETOPL REPORT.  U-235 FROM ENDF/8,         **
**     VERSION III WITH GAMMA-RAY PRODUCTION XSEC ADDED.            **
**     PROBLEM ILLUSTRATES EXERCISING ALL LINKS AND OVERLAYS        **
**     OF CODE SYSTEM EXCEPT MF5 OPTION IN TOPFIL AND KLUST.        **
**                                                                  **
**********************************************************************
**********************************************************************
```

```
  1   1
  4
 57  12   4
 57  12  18
 57  12 102
 57  13   3
  0   0   0   1
  1   3   4   0   1
 35
 0.0       0.01      0.03      0.045     0.06      0.10      0.15      0.22
 0.30      0.40      0.45      0.50      0.60      0.70      0.80      0.90
 1.00      1.25      1.33      1.66      2.00      2.50      3.00      3.50
 4.0       4.50      5.00      5.50      6.00      7.00      8.00      9.00
10.00     12.00     14.00     20.00
 50
1.0    -11 1.39  -10 10.0      0.0
1.39   -10 1.52  -08 10.0      0.0
1.52   -08 4.14  -07 10.0      0.0
4.14   -07 1.13  -06 10.0      0.0
1.13   -06 3.06  -06 10.0      0.0
3.06   -06 8.32  -06 10.0      0.0
8.32   -06 2.26  -05 10.0      0.0
2.26   -05 3.727 -05 10.0      0.0
3.727  -05 6.14  -05 10.0      0.0
6.14   -05 1.01  -04 10.0      0.0
```

TABLE II (cont)

```
 1.01   -04 1.67   -04 10.0        0.0
 1.67   -04 2.75   -04 10.0        0.0
 2.75   -04 4.54   -04 10.0        0.0
 4.54   -04 7.49   -04 10.0        0.0
 7.49   -04 1.234  -03 10.0        0.0
 1.234  -03 1.585  -03 10.0        0.0
 1.585  -03 2.03   -03 10.0        0.0
 2.03   -03 2.61   -03 10.0        0.0
 2.61   -03 3.35   -03 10.0        0.0
 3.35   -03 4.31   -03 10.0        0.0
 4.31   -03 5.53   -03 10.0        0.0
 5.53   -03 7.10   -03 10.0        0.0
 7.10   -03 9.12   -03 10.0        0.0
 9.12   -03 1.171  -02 10.0        0.0
 1.171  -02 1.503  -02 10.0        0.0
 1.503  -02 1.931  -02 10.0        0.0
 1.931  -02 2.479  -02 10.0        0.0
 2.479  -02 3.183  -02 10.0        0.0
 3.183  -02 4.087  -02 10.0        0.0
 4.087  -02 5.248  -02 10.0        0.0
 5.248  -02 6.738  -02 10.0        0.0
 6.738  -02 8.652  -02 10.0        0.0
 8.652  -02 1.11   -01 10.0        0.0
 1.11   -01 1.83   -01 10.0        0.0
 1.83   -01 3.02   -01 10.0        0.0
 3.02   -01 4.98   -01 10.0        0.0
 4.98   -01 8.21   -01 10.0        0.0
 8.21   -01 1.353  +00 10.0        0.0
 1.353  +00 1.738  +00 10.0        0.0
 1.738  +00 2.231  +00 10.0        0.0
 2.231  +00 2.865  +00 10.0        0.0
 2.865  +00 3.68   +00 10.0        0.0
 3.68   +00 6.07   +00 10.0        0.0
 6.07   +00 7.79   +00 10.0        0.0
 7.79   +00 10.00  +00 10.0        0.0
10.00   +00 12.00  +00 10.0        0.0
12.00   +00 13.50  +00 10.0        0.0
13.50   +00 15.00  +00 10.0        0.0
15.00   +00 17.00  +00 10.0        0.0
17.00   +00 20.00  +00 10.0        0.0
            57.0       4.0
            57.0       18.0
            57.0       102.0
            57.0       3.0

$EJ.
```

APPENDIX A

TREATMENT OF THE RESOLVED RESONANCE REGION

Two methods are available for handling Doppler broadening in the ETOPL package, the standard (ψ,χ) method and the less widely applied kernel-broadening method. The (ψ,χ) option is provided by the PNTETOE link, which is an extention of the ETOE code[3] to include the formulas for capture and fission. (The ETOE code is a preprocessor for MC^2, which requires pointwise data only for elastic scattering.) Kernel-broadening is provided by the MINX code.[2] Both codes are identical for calculating cross sections for 0°K, infinite dilution using the formulas defined in Appendix D of Ref. 1. PNTETOE is limited to a single-level Breit-Wigner treatment; however, multilevel treatments are handled by MINX. Doppler broadening in PNTETOE is handled by following these familiar formulas.

$$\sigma_0(E) = \sigma_0 \frac{\Gamma_\gamma}{\Gamma}\left(\frac{E_0}{E}\right)^{1/2} \Psi(\xi,X), \text{ for capture,} \qquad \text{(A-1)}$$

$$\sigma_f(E) = \sigma_0 \frac{\Gamma_f}{\Gamma}\left(\frac{E_0}{E}\right)^{1/2} \psi(\xi,X), \text{ for fission,} \qquad \text{(A-2)}$$

$$\sigma_n(E) = \sigma_0 \frac{\Gamma_n}{\Gamma}\psi(\xi,X) + \left(\sigma_0\sigma_p g \frac{\Gamma_n}{\Gamma}\right)^{1/2} \chi(\xi,X) + \sigma_p,$$

for elastic scattering (A-3)

where

$$\sigma_0 = 4\pi g\lambda_0^2 \frac{\Gamma_n}{\Gamma}\left(\frac{A+1}{A}\right)^2 , \qquad \text{(A-4)}$$

$$\xi = \left(\frac{A\Gamma^2}{4E_0KT}\right)^{1/2} = \frac{\Gamma}{\Delta} , \qquad \text{(A-5)}$$

$$X = \frac{2(E-E_0)}{\Gamma} , \qquad \text{(A-6)}$$

and all widths are measured at the resonance energy E_0. Interference scattering is included in Eq. (A-3).

The usual Doppler-broadened line shape functions (ψ and χ) are related to the complex probability integral W through the following expressions.

$$\psi(\xi,X) = \frac{\xi\sqrt{\pi}}{2} \operatorname{Re}W\left(\frac{\xi X}{2}, \frac{\xi}{2}\right) \qquad \text{(A-7)}$$

$$\chi(\xi,X) = \xi\sqrt{\pi} \operatorname{Im}W\left(\frac{\xi X}{2}, \frac{\xi}{2}\right) \qquad \text{(A-8)}$$

In the MINX code, the resolved resonance region is first processed for 0°K, infinite dilution. This treatment is based largely upon Ozer's RESEND program.[8] Doppler broadening is then achieved with a routine developed in cooperation with Cullen.[9] In the algorithm of this code, the Doppler-broadened cross section is expressed as follows.[10]

$$\tilde{\sigma}(E,T) = \frac{1}{\sqrt{E}} \int_0^\infty K(E,E',T)\sigma(E')\sqrt{E'}\, dE' , \qquad \text{(A-9)}$$

where

$$K(E,E',T) = \sqrt{\frac{\alpha}{4\pi E}}\left(e^{-\alpha(\sqrt{E'}-\sqrt{E})^2} - e^{-\alpha(\sqrt{E'}+\sqrt{E})^2}\right) \qquad \text{(A-10)}$$

and

$$\alpha = 1.1605 \times 10^4 \frac{AWR}{T} ,$$

$$AWR = \frac{\text{mass of target (M)}}{\text{mass of neutron (m)}} ,$$

T = temperature °K ,

$\tilde{\sigma}(E,T)$ = effective cross section for neutrons of incident energy E in media at temperature T ,

$\sigma(E')$ = unbroadened cross section for neutrons of relative energy E' (e.g., cross section at 0°K) ,

$K(E,E',T)$ = kernel relating Maxwellian target motion to incoming neutron energy.

If one introduces the ETOPL requirement that the cross section be a sectionally linear function of energy, then the Doppler-broadened cross section involves combinations of terms with integrals of form

$$F_n(X) = \int_X^\infty z^n e^{-z^2} dz . \qquad \text{(A-11)}$$

The only functions (F_n) required are those for n = 0, 1, 2, 3, and 4. Furthermore, they possess desirable recursive properties,

$$F_n(X) = \frac{1}{2}\left((n-1)F_{n-2}(X) + \chi^{n-1}e^{-x^2}\right) . \qquad \text{(A-12)}$$

The above formulas apply directly to a monatomic gas. However, for a polycrystalline material an effective temperature T_{eff} of the system can be related to the physical temperature T in terms of θ, the Debye temperature.

$$T_{eff} = \left(\frac{3}{2}\right)\left(\frac{T}{\theta}\right)^3 T \int_0^{\theta/T} X^3 \coth\left(\frac{X}{2}\right) dX \quad , \text{(A-13)}$$

for

$$T/\theta \ll 1;\ T_{eff} \rightarrow \theta/3$$

$$T/\theta \gg 1;\ T_{eff} \rightarrow T \quad .$$

For the broadening calculations, T_{eff} can be employed in place of the Maxwellian temperature T in Eqs. (A-9) and (A-10), although such corrections are not always applicable.[11]

Harris[12] and Fröhner[13] have shown that one can start from a broadened cross section at finite temperature T' and perform the kernel broadening to temperature T using the difference T-T' as the temperature parameter characterizing the Maxwellian distribution. Such a "boot-strapping" procedure is used for obtaining cross sections at a number of different temperatures.

A comparison of numerical results obtained from the two methods was made for the ENDF/B, Version III evaluation of ^{235}U (MAT 1157) for three temperatures (300°K, 1300°K, and 100,000°K). The results of the comparisons is further illustrated in Fig. A-1; the kernel calculation is consistently higher than the ψ,χ curve for elastic scattering but not for fission and capture.

In general, the MINX output is preferable to that from PNTETOE not only because MINX is able to process all ENDF formats and is maintained in a more up-to-date status, but also because of its ability to handle large amounts of data through the "paging" technique.[8] PNTETOE, however, is limited to about 4000 energy cross-section pairs per reaction. Its importance is illustrated by the processing of the ENDF/B, Version III evaluation for ^{238}U (MAT 1158) with both codes. This evaluation contains 450 resolved resonances. A MINX problem was run that gave 9700 points for the capture reaction or an average of about 20 points per resonance. Two PNTETOE problems were run, one with 1900 points, or about 4 or 5 points per resonance, and the other at 3300 points, or about 7 or 8 points per resonance. The latter problem is near the present storage limitations of the code. The pointwise data from these problems were further processed by the MINX code to obtain multigroup cross sections for two different weighting functions. The results for groups 24, 25, and 26 are shown in Tables A-II and A-III, and comparison plots for group 24 are given in Figs. A-2 through A-4. The large differences in the tables and plots clearly demonstrate the need for representing a resonance with a sufficient number of points.

An additional advantage of the MINX code is the ability to specify an error tolerance, that is, to require that the line segment between any two points output by the code be nowhere different than some user specified tolerance from any point that would be calculated between these two points. The 9700-point capture cross section cited in the example above was the result of specifying a 3% tolerance for the calculation.

TABLE A-1

COMPARISON OF (ψ,χ) DOPPLER BROADENING WITH KERNEL BROADENING FOR THE RESOLVED RESONANCE REGION OF ^{235}U (MAT 1157)

	Elastic Scattering		Fission		Capture	
T (°K)	Cross Section Weighted Av % Dif	Max % Dif	Cross Section Weighted Av % Dif	Max % Dif	Cross Section Weighted Av % Dif	Max % Dif
300	5.7	23.7	3.4	62.6	2.8	17.3
1,300	6.6	24.4	3.7	82.8	3.2	19.9
100,000	6.6	15.2	5.8	46.8	3.9	24.6

TABLE A-II

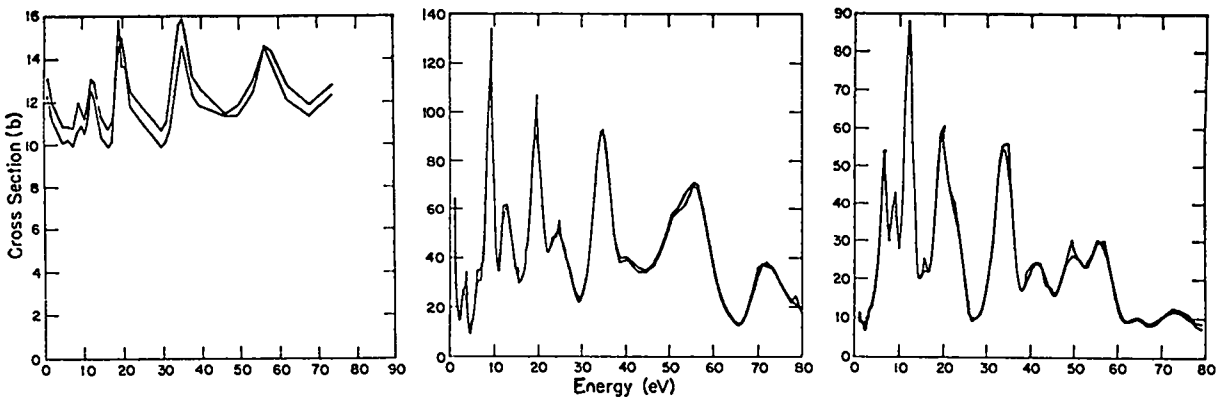
^{238}U MAT 1158, 300°K, INF DIL, 1/E WEIGHTED

			9700 Pt (b)		3300 Pt (b)		1900 Pt(b)	
Gp No	E Lower (eV)	E Upper (eV)	Capture	Elas Scat	Capture	Elas Scat	Capture	Elas Scat
24	22.60	61.40	43.579	60.227	56.860	77.613	90.211	111.280
25	8.32	22.60	62.816	26.859	78.349	35.035	110.190	46.239
26	3.06	8.32	130.270	15.024	167.100	18.765	232.260	22.447

TABLE A-III

^{238}U MAT 1158, 300°K, INF DIL, CONSTANT WEIGHT

Gp No	E Lower (eV)	E Upper (EV)	9700 Pt (b)		3300 Pt (b)		1900 Pt (b)	
			Capture	Elas Scat	Capture	Elas Scat	Capture	Elas Scat
24	22.6	61.4	41.156	57.638	53.339	73.969	82.582	104.44
25	8.32	22.6	91.564	36.141	114.32	46.728	161.05	63.134
26	3.06	8.32	166.218	17.173	211.52	21.994	294.24	26.786



(a) (b) (c)

Fig. A-1. ^{235}U at 100000°K. (a) elastic scatter. (b) fission. (c) capture.

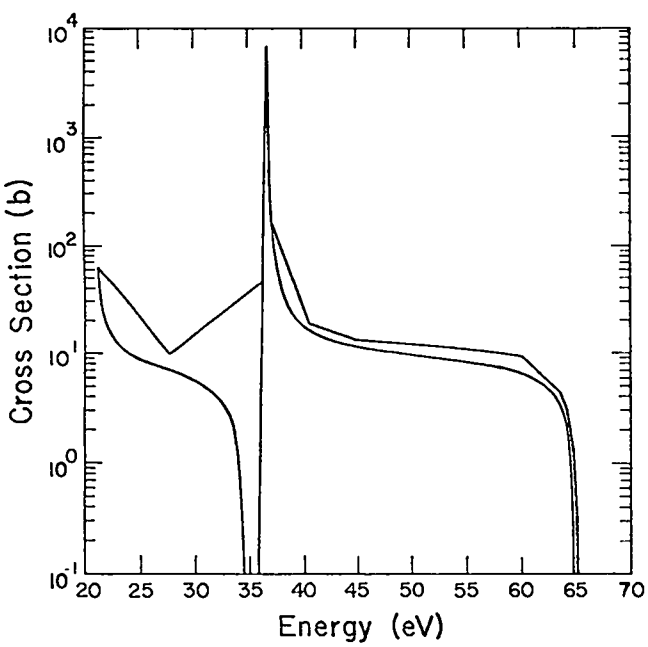


Fig. A-2. MINX vs PNTETOE - elastic cross section.

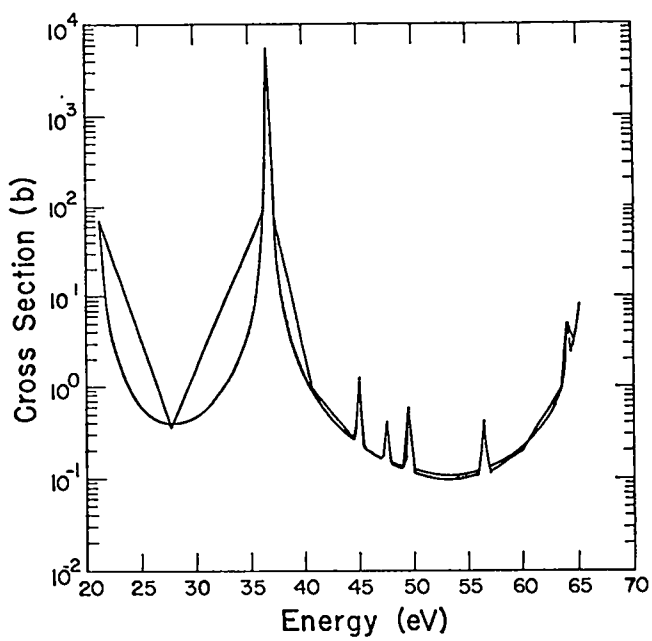


Fig. A-3. MINX vs PNTETOE - capture cross section.

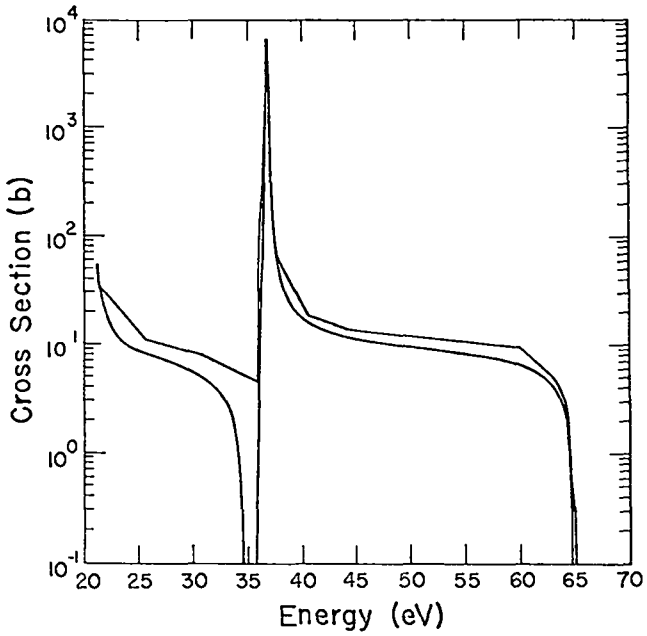


Fig. A-4. MINX vs PNTETOE - elastic cross section.

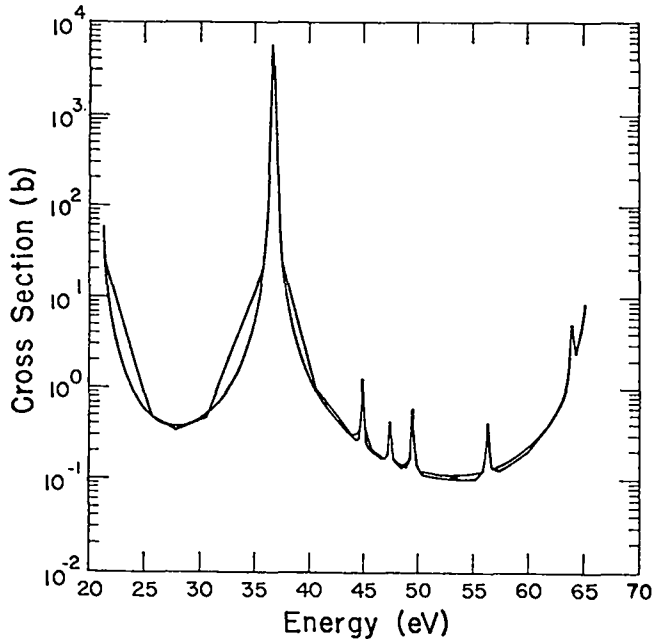


Fig. A-5. MINX vs PNTETOE - capture cross section.

APPENDIX B

TREATMENT OF THE UNRESOLVED RESONANCE REGION

The ENDF formats provide three options for specifying average parameters for the unresolved resonance region, namely, (1) parameters independent of energy, (2) parameters with only fission widths energy dependent, and (3) parameters all energy dependent. All options are handled by both the PNTETOE and MINX codes. Furthermore, the treatment of the unresolved resonance region in both codes is similar except that the treatment in MINX, based on that used in the ETOX[5] code does include sequence-sequence overlay.

Both codes use the standard J-function technique as described in Ref. 4 for obtaining temperature and self-shielding corrections. The J-function routines in ETOX(MINX) are identical to those used in MC^2; those used in PNTETOE are taken from the IDIOT code.[14] A comparison of the two treatments for the ENDF/B, Version III, evaluation for ^{235}U (MAT 1157) at 1500°K and for σ_0 = 15 b/a is shown in Table B-I. Only small differences between the two J-function treatments are evident for this case. Figure B-1 illustrates temperature and self-shielding effects in the unresolved resonance region for MAT 1157.

These treatments of the unresolved resonance region, which are currently the only methods available in the MINX and PNTETOE codes, yield cross sections in the unresolved resonance regions that are not only temperature dependent but also dependent upon the self-shielding parameter σ_0. Thus, cross sections in the PENDF library must be given as a function of σ_0 in the unresolved resonance region as well as an over-all function of temperature. This required the devising of a new ENDF format because the approved ENDF formats given in Ref. 1 are not suitable for expressing this σ_0 dependence. The new format, illustrated in Appendix F, is limited to MT = 1, MT = 2, MT = 18, and MT = 102. Cross sections for the infinite dilution case are first tabulated on the full energy mesh. This is followed by a "TAB2" record giving the number of tables, that is, the number of values of σ_0 for which cross sections are available in the unresolved resonance region and in the interpolation between subsequent tables. The cross sections for the various σ_0 values are then tabulated on the energy mesh of the unresolved resonance region. The value of σ_0 is placed in the normal Q-value position in each table; the Q-value for the reaction is given only in the complete table for infinite dilution, $\sigma_0 = \infty$ being understood.

We emphasize that this format is not a "legal" ENDF format and that it is for local application only. Although several "principles" of the ENDF format are

violated, such as the TAB2 record in MF = 1 and the use of the same MT number for more than one record in the same file, the new format has the distinct advantage of having the σ_0-dependent cross sections concentrated in a single area of the file, allowing for rapid interpolation to a particular σ_0 value appropriate for a specific problem.

TABLE B-I

^{235}U (MAT 1157) 1300°, 15B/A, COMPARISON OF PNTETOE AND MC^2 IN UNRESOLVED RESONANCE REGION

E-Resonance (keV)	Capture Cross Section MC^2 (b)	Capture Cross Section PNTETOE (b)	Capture Cross Section Diff %	Fission Cross Section MC^2 (b)	Fission Cross Section PNTETOE (b)	Fission Cross Section Diff %
0.082	9.48	9.36	1.3	23.12	22.85	1.2
0.116	10.06	9.95	1.1	21.03	20.72	1.5
0.148	11.51	11.39	1.0	21.66	21.31	1.6
0.191	9.98	9.89	0.9	21.21	20.88	1.6
0.245	11.00	10.88	1.1	29.83	29.35	1.6
0.300	6.57	6.52	0.8	16.82	16.58	1.4
0.350	5.94	5.89	0.8	15.11	14.90	1.4
0.400	5.41	5.37	0.7	13.94	13.75	1.4
0.450	5.89	5.84	0.8	16.52	16.29	1.4
0.500	6.30	6.24	1.0	19.45	19.17	1.4
0.560	6.88	6.82	0.9	20.02	19.72	1.5
0.620	5.40	5.36	0.7	14.21	14.01	1.4
0.750	6.29	6.25	0.6	13.87	13.68	1.4
0.800	6.33	6.29	0.6	13.08	12.91	1.3
0.830	5.02	5.00	0.4	10.10	9.98	1.2
0.900	4.59	4.57	0.4	9.00	8.90	1.1
1.000	4.64	4.62	0.4	9.12	9.03	1.0
1.100	5.34	5.32	0.4	10.53	10.42	1.0
1.500	3.81	3.79	0.5	9.32	9.24	0.9
1.800	3.26	3.26	0.0	8.22	8.15	0.9
2.000	2.83	2.82	0.4	7.40	7.35	0.7
2.500	2.34	2.34	0.0	6.51	6.47	0.6
3.000	2.15	2.14	0.5	5.97	5.95	0.3
Differences for resonances from 3-25 keV less than 0.5%						
25.000	0.97	0.97	0.0	2.61	2.61	0.0

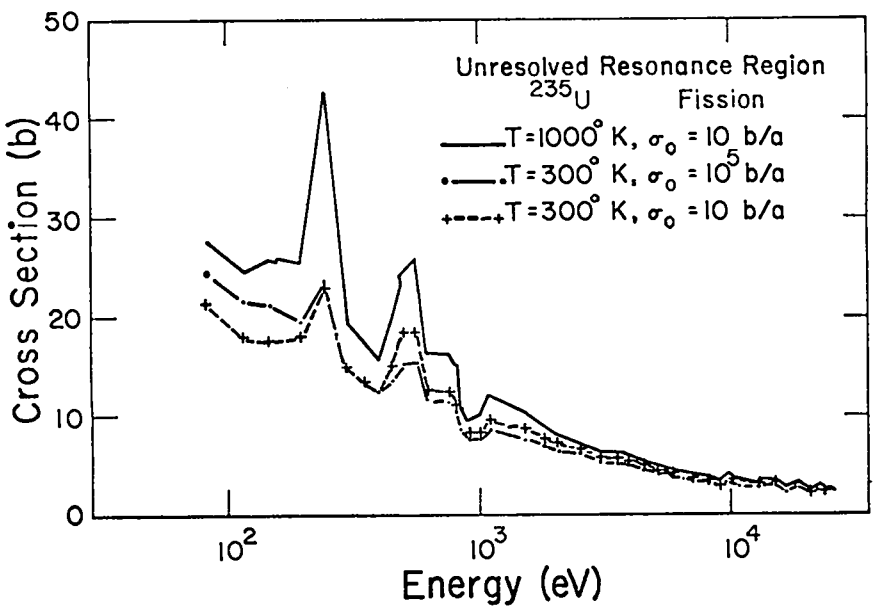


Fig. B-1. Unresolved resonnance region ^{235}U fission.

APPENDIX C

TREATMENT OF SECONDARY ANGULAR DISTRIBUTIONS

In the PENDF format the angular distributions of the secondary neutrons are expressed as tabulated functions of probability P vs the cosine of the scattering angle μ. Moreover, the same number of μ-values (usually 33) are used in each table (that is, for each incident neutron energy), and these μ's are chosen to delimit intervals of equal probability.

Angular distribution data in the original ENDF/B evaluation are often expressed in the compact form of Legendre coefficients, so that a rather fine incident energy mesh can be used without greatly increasing the total volume of data in the evaluation. This is no longer the case, however, when the Legendre data are tabulated with each table having 33 μ-point pairs. It is therefore convenience for the PENDF library to thin the secondary angular distribution data to some user-specified tolerance.

The above PENDF requirements are achieved by applying the TOPFIL code to the original ENDF/B file 4 data. This code, which will process the MF = 4 data for all materials on an ENDF/B tape in one pass, consists of two routines, LEGTHIN and PNTLIB4. The LEGTHIN routine thins all Legendre angular distributions on the tape to a user-specified tolerance; PNTLIB4 transforms the thinned distributions to the required PENDF format described above.

In the thinning procedure for LEGTHIN, a tolerance parameter that is input by the user specifies the maximum allowable root-mean-square (rms) difference permitted between distributions calculated from coefficients on the original grid and from interpolated coefficients. The rms difference between any two distributions is computed by tabulating the distributions on a dense (up to 200 points) μ grid and comparing the two at each value of μ. The thinning routine advances through the entire coefficient file requiring that the distributions between any two energies preserved in the output file can be calculated with interpolated coefficients to the specified rms accuracy. In addition, a negativity check is included that flags energies at which distributions produce negative probabilities for some angles.

The subroutine PNTLIB4 converts all angular distributions to a histogram representation with the μ mesh chosen to delimit intervals of equal probability. If the distribution is isotropic, two data points are specified, namely, (-1.0, 0.5) and (1.0, 0.5). For the Legendre representation a value of μ (= μ*) is found such that the integral of the angular distribution below and above μ* is approximately half the total area. Each of the two ranges of polar cosines thus defined are subdivided into 500 equal intervals. The area for each of the 1000 intervals is computed analystically and a cumulative probability table is constructed. Using this table, a search is then made to locate equally probable μ values assuming linear interpolation. For the tabulated distributions the P(μ) vs μ data are given (with linear-linear or log-linear interpolation) as discrete values of μ. Equally probable μ values can then be determined analytically in a straightforward fashion.

The input specifications for TOPFIL are given in Table C-I. Note that both MF = 4 and MF = 5 are handled in this routine.

TABLE C-1

INPUT SPECIFICATIONS FOR TOPFIL

Columns	Format	Symbol	Description
Card 1			
1-4	I4	MF4	MF4 = 1, prepare MF = 4 data; MF4 = 0, no MF = 4 data.
5-8	I4	MF5	MF5 = 1, prepare MF = 5 data; MF5 = 0, no MF = 5 data.
Card 2			
1-4	I4	ILIST	ILIST = 0, no list.
5-8	I4	IPRINT	IPRINT = 0, no print.
9-12	I4	KI	Obsolete; set by program.
13-16	I4	KO	Obsolete; set by program.
17-20	I4	IWT	IWT = 1, standard fractional weighting; IWT = 2, probability weighting
21-24	I4	IDTP7	Obsolete; set = 0.
Card 3			
1-11	E11.4	ERROR	Maximum allowable RMS percentage error for thinning.
12-22	E11.4	DCOS	Increment in cosine used in computing RMS error.

APPENDIX D

COMPARISON OF THINNING TECHNIQUES AVAILABLE IN ETOPL

The second overlay of the ETOPL code proper contains the linearization routine, ISLIN1; the unionization routine, UNION1; and one of the two thinning routines available, namely THIN1. The other thinning routine, KLUST,[6] is obtained by calling an additional overlay.

The thinning procedure used in THIN1 is a "three-point" type, that is, a point between two points is examined to determine whether or not it lies within or without the input-specified tolerance and is accordingly retained or rejected. This three-point thinning can be applied iteratively, but in the present version of ETOPL it is used just once. In this application the technique cannot "look ahead" or allow a cross section to float within the tolerance.

The procedure in KLUST, however, is based on the concept of the "longest tunnel" or the longest line one can draw either through the original data or within the specified tolerance of the original data. Thus, in KLUST the actual values of the cross sections can be modified. Figure D-1 shows a somewhat exaggerated comparison between thinning done with THIN1 and that done with KLUST. The comparison is for the elastic scattering cross section Al (ENDF/B-III, MAT 1135) plotted between 0.41 and 0.48 MeV. The original evaluation has 70 data points in this interval; a 10% THIN1 thinning reduces this number to 13, and the 10% KLUST thin gives 9 points. In the figure

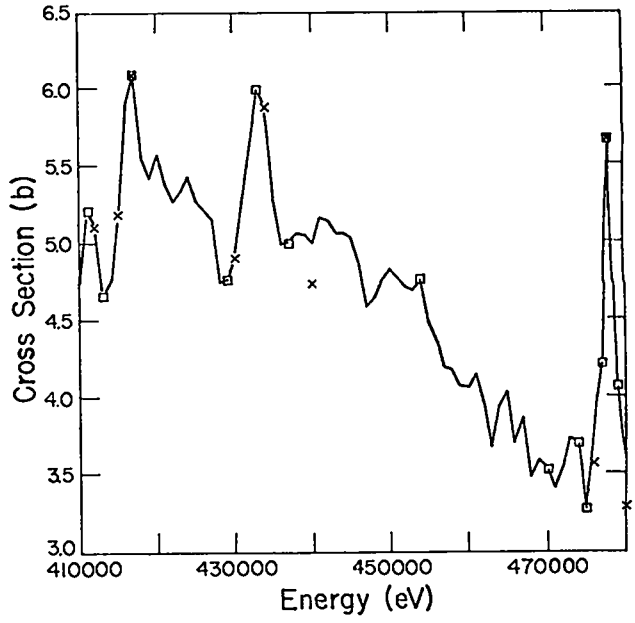


Fig.D-1. KLUST-LUST comparison. The crosses and squares are points remaining after thinning with KLUST and LUST, respectively.

note particularly the KLUST "longest tunnel" between 0.44 and 0.476 MeV. There are four THIN1 points between the two KLUST points, and the cross sections for the KLUST points do not coincide with the original data at these energies. However, both routines give the same cross-section values at the two relatively highest peaks.

APPENDIX E

```
 COPYSF      1 FILES FROM FSET14                                  LASL Identification No.:  LP-0459

LASL TEMP ENDF TAPE WITH TEMP MATS 57+ 58. 59. 69, AND 105. 1JUL    11-0 -0    -0
9.2235 +04 2.33025+02          1          1          0          56  57 1451     1
0.         0.                  1          1        114              57 1451     2
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *    57 1451     3
*                                                                   *  57 1451     4
*  PHOTON PRODUCTION DATA ADDEO BY LASL+ MAY 1972.  OATA BY         *  57 1451     5
*  STEWART AND HUNTER FROM LA-4918.                                 *  57 1451     6
*  DATA BELOW 1.09 MEV GIVEN AS MULTIPLICITIES IN MF = 12 FOR       *  57 1451     7
*  MT = 4. MT = 18. ANO MT = 102.  ABOVE 1.09 MEV. DATA GIVEN       *  57 1451     8
*  IN MF = 13. MT = 3 WHICH INCLUOES ALL REACTIONS.  NOTE PHOTON*  57 1451     9
*  PRODUCTION DATA GOES UP TO 20 MEV. WHEREAS NEUTRON FILES ARE     *  57 1451    10
*  ONLY UP TO 15 MEV.                                               *  57 1451    11
*                                                                   *  57 1451    12
*                                                                   *  57 1451    13
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *    57 1451    14
*         *         *         *         *         *                 *  57 1451    15
U-235     AI.ANC.WARD EVAL-AUG71 ALTER.DUNFORD(AI1.LEONARD(BNW)      57 1451    16
ENDF-161.ENDF-153    DIST-JAN72  PITTERLE.PAIK(WARD).LUBITZ(KAPL1   57 1451    17
*         *         *         *         *         *                 *  57 1451    18
U-235 CSEWG  EVAL-SEPT69.LEONARD.ALTER.LUBITZ. RE-EVALUATIONS-      57 1451    19
LEONARD.ALTER.OUNFORO.LUBITZ.PENNINGTON.PITTERLE. AND PAIK.         57 1451    20
```

```
*          *          *          *          *          *
DATA ADJUSTMENTS BASED ON WORK BY  T.A.PITTERLE AND N.C.PAIK
(PROC.CONF.NEUTRON CROSS SECTIONS AND TECH.. KNO.VILLE. 3/71.1
DATA MOD.FOR ENERGIES GREATER THAN 64.5 EV
USE A VALUE OF 1.32 MEV FOR FISSION SPECTRUM FOR FAST REACTORS
*          *          *          *          *          *
URANIUM-235
          VARIOUS INDIVIDUALS CONTRIBUTED TO TE EVALUATION OF
          THE CROSS SECTIONS FOR THIS MATERIAL

          B.R..LEONARO (BNW)-   CROSS SECTIONS BELOW 1.0 EV
          H.ALTER AND C.L.OUNFORD-  CROSS SETIONS ABOVE 15 KEV
          J.R.SMITH- RESOLVED RESONANCE DATA BELOW 82 EV.
          T.A.PITTERLE- UNRESOLVED RESONANCE DATA BELOW 25 KEV.
*          *          *          *          *          *
MAT=1157 IS A PARTIAL REVALUATION OF DATA IN MAT 1102 AND 1044.
THE TOTAL AND ALL PARTIAL CROSS SECTIONS FOR NEUTRON ENERGIES
BELOW 1.0 EV WERE PROVEDIED BY B.R.LEONARD.JR.(UNPUBLISHED MEMO
TO CSEWG(AUG.1969).
THE PARTIAL .-SEC WERE OBTAINED BY STARTING WITH DATA GIVEN IN
MAT=1044 AND MODIFYING THE SHAPE AND MAGNITUDE OF THESE DATA TO
CONFORM TO THE 2200 M/SEC PARAMETERS (INCLUDING G FACTORS) THAT
WERE OBTAINED DURING THE 1969 IAEA EVALUATION GROUP (SEE- HANNA
ET AL. ATOMIC ENERGY REVIEW. VOL VII. NO.4. 1969).
*          *          *          *          *          *
THE 2200 M/SEC PARAMETERS ARE
          TOTAL  =   694.276
          ELASTIC=    15.776
          FISSION=   580.200
          N.GAMMA=    98.300
          NU     =     2.423     TOTAL (DELAYED PLUS PROMPT)
          ALPHA  =     0.16942
          ETA    =     2.07196
*          *          *          *          *          *
BELOW 1.0 EV DATA GIVEN IN FILE 3 (SMOOTH .-SEC).
BETWEEN 1.0 AND 82.0 EV DATA GIVEN AS SLBW  RESOLVED RESONANCE
PARAMETERS PLUS A SMOOTH BACKGROUND GIVEN IN FILE 3.
BETWEEN 64.5 EV AND 25.0 KEV ALL DATA GIVEN IN FILE 2 (LRF=2.
ENERGY DEPENDENT REDUCED NEUTRON WIDTHS AND FISSION WIDTHS).
ABOVE  25.0 KEV ALL DATA GIVEN IN FILE 3.
*          *          *          *          *          *
BELOW 0.4 EV FISSION .-SEC BASED ON DATA OF B.R.LEONARD(FROM
SCISRS TAPE) AND THAT OF C.D.BOWMAN ET AL(UCRL-14601. N.GAMMA
BASED ON ALPHA*FISSION.WHERE ALPHA TAKEN FROM GRAPH IN BNL-325
PAGE 92-235-33 (FOR ENERGIES BETWEEN 0.07 TO 0.4 EV).
*          *          *          *          *          *
ABOVE 25 KEV PARTIAL CROSS SECTIONS EVALUATED(AI-AEC-MEMO-12916.
JAN.1970) MODIFIED BY PITTERLE AND HUBNER.
*          *          *          *          *          *
RESOLVED RESONANCE PARAMETERS PLUS FILE 3 CONTRIBUTION DESCRIBE
THE CROSS SECTIONS BETWEEN 1 AND 82 EV.  PARAMETERS ARE FROM A
SIMULTANEOUS FIT TO TOTAL. FISSION. AND CAPTURE CROSS SECTIONS.
DATA FIT ARE THOSE OF DESAUSSURE (1). MICHAUDON (2). BLONS (3).
AND CAO (4). PARAMETERS DERIVED BY J.R. SMITH. AEROJET (IDAHO)
NUCLEAR CO. AUG 1971.
REFERENCES
1. G.DESAUSSURE ET AL. ORNL-TM-1804 (1967)
2. A.MICHAUDON. CEA-R 2552 (1964)
3. J.BLONS ET AL. PROC. 2D INT CONF NUCL DATA FOR REACTORS.
   VOL 1 P.469 (1970)
4. M.G.CAO ET AL. J.NUCL ENERGY VOL 22 P.211 (1968)
A POTENTIAL SCATTERING CROSS SECTION OF 11.5 B. WAS USED IN THE
ANALYSIS
FILE 3. MT=2. CONTAINS THE DIFFERENCE BETWEEN THE SCATTERING AS
CALCULATED WITH THE PARAMETERS OF FILE 2. USING THE SINGLE-LEVEL
FORMULA. AND A MULTILEVEL CALCULATION.  IN THE ML CALCULATION.
SIMULATED RESONANCES WERE USED ABOVE AND BELOW THE RESONANCE
REGION TO COMPENSATE FOR THE INTERFERENCE EFFECTS OF DISTANT
RESONANCES.
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*         *         *         *         *         *                    57 1451   90
UNRESOLVED RESONANCE PARAMETERS WERE OBTAINED BY T.PITTERLE(WARD)      57 1451   91
DOCUMENT AND REFERENCES TO BE PUBLISHED. ENERGY DEPENDENT AVERAGE      57 1451   92
RESONANCE PARAMETERS WERE OBTAINED AND ARE INCLUDED IN FILE 2 AS       57 1451   93
LRU= 2. LRF = 2.                                                       57 1451   94
*         *         *         *         *         *                    57 1451   95
ENERGY DEPENDENCE OF NU TAKEN FROM KFK-120 PART-1                      57 1451   96
SIMPLE FISSION SPECTRUM USED T= 1.30 MEV AT THERMAL                    57 1451   97
T(E) FROM FORMULA BY  TERRELL  3/2*T(E)=0.75 +0.65(NU(E)+1.01**.5      57 1451   98
*         *         *         *         *         *                    57 1451   99
FISSION PRODUCT YIELD DATA FROM  RECOMMENDED VALUES OF M.E.MEEK        57 1451  100
AND B.F.RIDER. APED-5398-A. REVISED (OCT.1968)                         57 1451  101
YIELDS NORMALIZED FOR A SUM = 2.0000                                   57 1451  102
*         *         *         *         *         *                    57 1451  103
ANGULAR DISTRIBUTIONS FOR ELASTIC SCATTERING FROM EVAL. BY (AI)        57 1451  104
MT=251.252.253 CALC. FROM  ANG. DISTR DATA                             57 1451  105
ANG. DISTR. OF NEUTRONS FROM INELASTIC SCAT ASSUMMED TO BE             57 1451  106
ISOTROPIC IN C.M. SYSTEM                                               57 1451  107
*         *         *         *         *         *                    57 1451  108
INFINITE DILUTION RESONANCE INTEGRALS (ABOVE 0.5 EV)                   57 1451  109
          FISSION=                                                     57 1451  110
          N.GAMMA=                                                     57 1451  111
          ELASTIC=                                                     57 1451  112
*         *         *         *         *         *                    57 1451  113
INELASTIC LEVEL CROSS SECTION FROM EVAL. BY PARKER (AWRE 0-82/631      57 1451  114
*         *         *         *         *         *                    57 1451  115
      ----      ----      ----      ----      ----                     57 1451  116
                             1       451       148                     57 1451  117
                             1       452         5                     57 1451  118
                             1       453        11                     57 1451  119
                             1       454       370                     57 1451  120
                             2       151       421                     57 1451  121
                             3         1       369                     57 1451  122
                             3         2       333                     57 1451  123
                             3         4       121                     57 1451  124
                             3        16        21                     57 1451  125
                             3        17         6                     57 1451  126
                             3        18       292                     57 1451  127
                             3        51        11                     57 1451  128
                             3        52        21                     57 1451  129
                             3        53        14                     57 1451  130
                             3        54        14                     57 1451  131
                             3        55        13                     57 1451  132
                             3        56        13                     57 1451  133
                             3        57        12                     57 1451  134
                             3        58        12                     57 1451  135
                             3        59        11                     57 1451  136
                             3        60        10                     57 1451  137
                             3        91        13                     57 1451  138
                             3       102       283                     57 1451  139
                             3       251        16                     57 1451  140
                             3       252        16                     57 1451  141
                             3       253        16                     57 1451  142
                             4         2       196                     57 1451  143
                             4        16        10                     57 1451  144
                             4        17        10                     57 1451  145
                             4        18        10                     57 1451  146
                             4        51        10                     57 1451  147
                             4        52        10                     57 1451  148
                             4        53        10                     57 1451  149
                             4        54        10                     57 1451  150
                             4        55        10                     57 1451  151
                             4        56        10                     57 1451  152
                             4        57        10                     57 1451  153
                             4        58        10                     57 1451  154
                             4        59        10                     57 1451  155
                             4        60        10                     57 1451  156
                             4        91        10                     57 1451  157
                             5        16        13                     57 1451  158
                             5        17         9                     57 1451  159
```

```
                                        5          18           7                57 1451  160
                                        5          91           7                57 1451  161
                                       12           4         230                57 1451  162
                                       12          18           4                57 1451  163
                                       12         102           4                57 1451  164
                                       13           3           6                57 1451  165
                                       14           3           1                57 1451  166
                                       14           4           1                57 1451  167
                                       14          18           1                57 1451  168
                                       14         102           1                57 1451  169
                                       15           3         123                57 1451  170
                                       15          18          54                57 1451  171
                                       15         102          45                57 1451  172
                                                                                 57 1  0  173
9.22350+ 4 2.33025+ 2                  0           2           0            0   57 1452  174
0.00000+ 0 0.00000+ 0                  0           0           1            6   57 1452  175
         6         2                                                            57 1452  176
1.00000- 5 2.42300+ 0 2.50000+ 6 2.69500+ 0 3.00000+ 6 2.73700+ 0               57 1452  177
4.00000+ 6 2.92710+ 0 8.00000+ 6 3.65760+ 0 1.50000+ 7 4.52920+ 0               57 1452  178
                                                                                 57 1  0  179
9.22350+ 4 2.33025+ 2                  0           0           1            0   57 1453  180
9.22350+ 4 2.33025+ 2                  0           0           2            4   57 1453  181
1.00000- 5 2.00000+ 7                                                            57 1453  182
4.67990+ 6 0.00000+ 0                  0           0           5            0   57 1453  183
0.00000+ 0 9.02310+ 4 3.08130-17 1.00000+ 0 1.00000+ 0                           57 1453  184
0.00000+ 0-5.23000+ 6                  0           0           5            0   57 1453  185
1.60000+ 1 9.22340+ 4 8.85890-14 1.00000+ 0 1.00000+ 0                           57 1453  186
0.00000+ 0-1.18500+ 7                  0           0           5            0   57 1453  187
1.70000+ 1 9.22330+ 4 1.61540-13 1.00000+ 0 1.00000+ 0                           57 1453  188
0.00000+ 0 6.54510+ 6                  0           0           5            0   57 1453  189
1.02000+ 2 9.22360+ 4 9.19250-16 1.00000+ 0 1.00000+ 0                           57 1453  190
                                                                                 57 1  0  191
9.22350+ 4 2.33025+ 2                  3           0           0            0   57 1454  192
1.00000- 5 0.00000+ 0                  2           0         732          244   57 1454  193
3.00720+ 4 0.00000+ 0 1.59540- 7 3.00730+ 4 0.00000+ 0 1.09690- 6               57 1454  194
3.10740+ 4 0.00000+ 0 3.49000- 6 3.10750+ 4 0.00000+ 0 1.19660- 5               57 1454  195
3.10760+ 4 0.00000+ 0 3.49000- 5 3.10770+ 4 0.00000+ 0 4.78630- 5               57 1454  196
3.20750+ 4 0.00000+ 0 0.00000+ 0 3.20760+ 4 0.00000+ 0 0.00000+ 0               57 1454  197
3.20770+ 4 0.00000+ 0 3.49000- 5 3.20780+ 4 0.00000+ 0 1.99430- 4               57 1454  198
3.30750+ 4 0.00000+ 0 0.00000+ 0 3.30770+ 4 0.00000+ 0 0.00000+ 0               57 1454  199
3.30780+ 4 0.00000+ 0 0.00000+ 0 3.30790+ 4 0.00000+ 0 5.58400- 4               57 1454  200
3.30800+ 4 0.00000+ 0 9.37310- 4 3.30810+ 4 0.00000+ 0 1.79490- 3               57 1454  201
3.40810+ 4 0.00000+ 0 0.00000+ 0 3.40820+ 4 0.00000+ 0 2.39310- 3               57 1454  202
3.40830+ 4 0.00000+ 0 5.18510- 3 3.40840+ 4 0.00000+ 0 9.27340- 3               57 1454  203
3.40850+ 4 0.00000+ 0 1.09690- 2 3.50800+ 4 0.00000+ 0 9.97140- 8               57 1454  204
3.50820+ 4 0.00000+ 0 3.98860- 7 3.50830+ 4 0.00000+ 0 0.00000+ 0               57 1454  205
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3.60900+ 4 0.00000+ 0 4.98570- 2 3.60910+ 4 0.00000+ 0 3.44010- 2               57 1454  210
3.60920+ 4 0.00000+ 0 1.86470- 2 3.60930+ 4 0.00000+ 0 4.78630- 3               57 1454  211
3.60940+ 4 0.00000+ 0 9.97140- 4 3.60950+ 4 0.00000+ 0 6.98000- 5               57 1454  212
3.60970+ 4 0.00000+ 0 5.98280- 7 3.70860+ 4 0.00000+ 0 2.59260- 7               57 1454  213
3.70870+ 4 0.00000+ 0 0.00000+ 0 3.70880+ 4 0.00000+ 0 1.99430- 4               57 1454  214
3.70890+ 4 0.00000+ 0 1.69510- 3 3.70900+ 4 0.00000+ 0 8.07680- 3               57 1454  215
3.70910+ 4 0.00000+ 0 1.97430- 2 3.70920+ 4 0.00000+ 0 2.62250- 2               57 1454  216
3.70930+ 4 0.00000+ 0 3.11110- 2 3.70940+ 4 0.00000+ 0 1.89460- 2               57 1454  217
3.70950+ 4 0.00000+ 0 6.71080- 3 3.70970+ 4 0.00000+ 0 9.37310- 6               57 1454  218
3.80900+ 4 0.00000+ 0 1.99430- 4 3.80910+ 4 0.00000+ 0 3.78910- 3               57 1454  219
3.80920+ 4 0.00000+ 0 7.97710- 3 3.80930+ 4 0.00000+ 0 2.29340- 2               57 1454  220
3.80940+ 4 0.00000+ 0 2.59260- 2 3.80950+ 4 0.00000+ 0 3.31050- 2               57 1454  221
3.80970+ 4 0.00000+ 0 6.07260- 3 3.90910+ 4 0.00000+ 0 8.97430- 4               57 1454  222
3.90920+ 4 0.00000+ 0 5.98280- 3 3.90930+ 4 0.00000+ 0 1.99430- 3               57 1454  223
3.90940+ 4 0.00000+ 0 7.97710- 3 3.90950+ 4 0.00000+ 0 2.09400- 2               57 1454  224
3.90960+ 4 0.00000+ 0 5.68370- 2 3.90970+ 4 0.00000+ 0 3.87890- 2               57 1454  225
4.00920+ 4 0.00000+ 0 7.97710- 4 4.00930+ 4 0.00000+ 0 2.89170- 3               57 1454  226
4.00940+ 4 0.00000+ 0 1.03700- 2 4.00950+ 4 0.00000+ 0 9.97140- 4               57 1454  227
4.00960+ 4 0.00000+ 0 5.88310- 3 4.00970+ 4 0.00000+ 0 1.39600- 2               57 1454  228
4.00980+ 4 0.00000+ 0 5.48430- 2 4.00990+ 4 0.00000+ 0 4.78630- 2               57 1454  229
4.10950+ 4 0.00000+ 0 2.09400- 3 4.10960+ 4 0.00000+ 0 5.88310- 6               57 1454  230
```

4.10970+	4	0.00000+	0	2.99140-	3	4.10980+	4	0.00000+	0	3.58970-	3	57	1454	231
4.10990+	4	0.00000+	0	9.97140-	3	4.11000+	4	0.00000+	0	6.18230-	2	57	1454	232
4.11010+	4	0.00000+	0	4.48710-	2	4.20970+	4	0.00000+	0	9.97140-	5	57	1454	233
4.20990+	4	0.00000+	0	3.58970-	3	4.21000+	4	0.00000+	0	2.39310-	3	57	1454	234
4.21010+	4	0.00000+	0	4.98570-	3	4.21020+	4	0.00000+	0	4.15810-	2	57	1454	235
4.21030+	4	0.00000+	0	2.99140-	2	4.21040+	4	0.00000+	0	1.67520-	2	57	1454	236
4.21050+	4	0.00000+	0	8.97430-	3	4.31000+	4	0.00000+	0	1.89460-	5	57	1454	237
4.31010+	4	0.00000+	0	1.99430-	4	4.31020+	4	0.00000+	0	0.00000+	0	57	1454	238
4.31030+	4	0.00000+	0	0.00000+	0	4.31040+	4	0.00000+	0	1.29630-	3	57	1454	239
4.31050+	4	0.00000+	0	0.00000+	0	4.31060+	4	0.00000+	0	3.88880-	3	57	1454	240
4.31070+	4	0.00000+	0	1.79490-	3	4.31080+	4	0.00000+	0	5.58400-	4	57	1454	241
4.41040+	4	0.00000+	0	0.00000+	0	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	242
4.41060+	4	0.00000+	0	8.97430-	5	4.41070+	4	0.00000+	0	9.97140-	5	57	1454	243
4.41080+	4	0.00000+	0	1.39600-	4	4.51020+	4	0.00000+	0	7.97710-	9	57	1454	244
4.51090+	4	0.00000+	0	2.99140-	4	4.51100+	4	0.00000+	0	1.79490-	4	57	1454	245
4.51110+	4	0.00000+	0	1.89460-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	246
4.61120+	4	0.00000+	0	9.97140-	5	4.61130+	4	0.00000+	0	1.59540-	4	57	1454	247
4.61140+	4	0.00000+	0	1.39600-	4	4.61150+	4	0.00000+	0	9.27340-	5	57	1454	248
4.61160+	4	0.00000+	0	1.59540-	4	4.61170+	4	0.00000+	0	7.57830-	5	57	1454	249
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	0.00000+	0	57	1454	250
4.71150+	4	0.00000+	0	1.09690-	5	4.71160+	4	0.00000+	0	1.99430-	5	57	1454	251
4.71170+	4	0.00000+	0	3.39030-	5	4.71180+	4	0.00000+	0	1.39600-	4	57	1454	252
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	0.00000+	0	57	1454	253
4.81180+	4	0.00000+	0	0.00000+	0	4.81190+	4	0.00000+	0	1.39600-	4	57	1454	254
4.81200+	4	0.00000+	0	1.29630-	4	4.81210+	4	0.00000+	0	1.29630-	4	57	1454	255
4.91200+	4	0.00000+	0	9.97140-	6	4.91210+	4	0.00000+	0	9.97140-	6	57	1454	256
4.91230+	4	0.00000+	0	1.59540-	4	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	257
5.01220+	4	0.00000+	0	1.49570-	4	5.01230+	4	0.00000+	0	0.00000+	0	57	1454	258
5.01240+	4	0.00000+	0	1.79490-	4	5.01250+	4	0.00000+	0	1.93450-	4	57	1454	259
5.01260+	4	0.00000+	0	3.09110-	4	5.01270+	4	0.00000+	0	1.09690-	3	57	1454	260
5.01280+	4	0.00000+	0	3.68940-	3	5.01290+	4	0.00000+	0	4.48710-	3	57	1454	261
5.01300+	4	0.00000+	0	1.09690-	2	5.01310+	4	0.00000+	0	1.27630-	2	57	1454	262
5.01320+	4	0.00000+	0	5.88310-	3	5.01330+	4	0.00000+	0	1.49570-	4	57	1454	263
5.11240+	4	0.00000+	0	1.99430-	7	5.11250+	4	0.00000+	0	1.59540-	5	57	1454	264
5.11260+	4	0.00000+	0	9.97140-	6	5.11270+	4	0.00000+	0	2.69230-	4	57	1454	265
5.11280+	4	0.00000+	0	8.97430-	4	5.11290+	4	0.00000+	0	5.48430-	3	57	1454	266
5.11300+	4	0.00000+	0	8.97430-	3	5.11310+	4	0.00000+	0	1.41590-	2	57	1454	267
5.11320+	4	0.00000+	0	2.75210-	2	5.11330+	4	0.00000+	0	3.37530-	2	57	1454	268
5.11340+	4	0.00000+	0	3.19090-	3	5.11350+	4	0.00000+	0	7.47860-	3	57	1454	269
5.21270+	4	0.00000+	0	0.00000+	0	5.21280+	4	0.00000+	0	0.00000+	0	57	1454	270
5.21290+	4	0.00000+	0	0.00000+	0	5.21300+	4	0.00000+	0	9.97140-	4	57	1454	271
5.21310+	4	0.00000+	0	2.02420-	3	5.21320+	4	0.00000+	0	9.07400-	3	57	1454	272
5.21330+	4	0.00000+	0	3.28060-	2	5.21340+	4	0.00000+	0	6.56120-	2	57	1454	273
5.21350+	4	0.00000+	0	2.64240-	2	5.31280+	4	0.00000+	0	3.78910-	7	57	1454	274
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	1.16670-	5	57	1454	275
5.31310+	4	0.00000+	0	6.98000-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	276
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	8.97430-	3	57	1454	277
5.31350+	4	0.00000+	0	2.76210-	2	5.41340+	4	0.00000+	0	0.00000+	0	57	1454	278
5.41350+	4	0.00000+	0	1.29630-	3	5.41360+	4	0.00000+	0	6.44150-	2	57	1454	279
5.41370+	4	0.00000+	0	5.98280-	2	5.41380+	4	0.00000+	0	5.88310-	2	57	1454	280
5.41390+	4	0.00000+	0	5.38460-	2	5.41400+	4	0.00000+	0	3.78910-	2	57	1454	281
5.41410+	4	0.00000+	0	1.32620-	2	5.41420+	4	0.00000+	0	3.49000-	3	57	1454	282
5.41430+	4	0.00000+	0	5.08540-	4	5.41440+	4	0.00000+	0	5.98280-	5	57	1454	283
5.51350+	4	0.00000+	0	1.29630-	3	5.51360+	4	0.00000+	0	5.98280-	5	57	1454	284
5.51370+	4	0.00000+	0	1.99430-	3	5.51380+	4	0.00000+	0	7.97710-	3	57	1454	285
5.51390+	4	0.00000+	0	1.06690-	2	5.51400+	4	0.00000+	0	2.09400-	2	57	1454	286
5.51410+	4	0.00000+	0	3.26070-	2	5.51420+	4	0.00000+	0	2.94160-	2	57	1454	287
5.51430+	4	0.00000+	0	1.54460-	2	5.51440+	4	0.00000+	0	4.92590-	3	57	1454	288
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	289
5.61380+	4	0.00000+	0	9.97140-	5	5.61390+	4	0.00000+	0	9.97140-	5	57	1454	290
5.61400+	4	0.00000+	0	3.98860-	3	5.61410+	4	0.00000+	0	1.49570-	2	57	1454	291
5.61420+	4	0.00000+	0	2.48290-	2	5.61430+	4	0.00000+	0	3.58970-	2	57	1454	292
5.61440+	4	0.00000+	0	3.68940-	2	5.71400+	4	0.00000+	0	3.98860-	4	57	1454	293
5.71410+	4	0.00000+	0	0.00000+	0	5.71420+	4	0.00000+	0	4.98570-	4	57	1454	294
5.71430+	4	0.00000+	0	6.78060-	3	5.71440+	4	0.00000+	0	9.97140-	3	57	1454	295
5.81420+	4	0.00000+	0	5.98280-	4	5.81430+	4	0.00000+	0	2.99140-	4	57	1454	296
5.81440+	4	0.00000+	0	1.99430-	3	5.81450+	4	0.00000+	0	3.86890-	2	57	1454	297
5.81460+	4	0.00000+	0	2.87180-	2	5.81470+	4	0.00000+	0	1.99430-	2	57	1454	298
5.81480+	4	0.00000+	0	1.29630-	2	5.91450+	4	0.00000+	0	1.99430-	4	57	1454	299
5.91460+	4	0.00000+	0	6.98000-	4	5.91470+	4	0.00000+	0	1.89460-	3	57	1454	300
5.91480+	4	0.00000+	0	3.49000-	3	6.01480+	4	0.00000+	0	1.99430-	4	57	1454	301

6.01490+	4	0.00000+	0	1.03700-	2	6.01500+	4	0.00000+	0	6.48140-	3	57	1454	302
6.01510+	4	0.00000+	0	4.18800-	3	6.11480+	4	0.00000+	0	1.99430-	6	57	1454	303
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	1.39600-	5	57	1454	304
6.11510+	4	0.00000+	0	9.97140-	5	6.11520+	4	0.00000+	0	2.39310-	3	57	1454	305
6.11540+	4	0.00000+	0	5.98280-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	306
6.21530+	4	0.00000+	0	1.57550-	3	6.21540+	4	0.00000+	0	3.98860-	5	57	1454	307
6.21550+	4	0.00000+	0	3.09110-	4	6.21560+	4	0.00000+	0	1.29630-	4	57	1454	308
6.21570+	4	0.00000+	0	5.68370-	5	6.31540+	4	0.00000+	0	5.98280-	7	57	1454	309
6.31550+	4	0.00000+	0	0.00000+	0	6.31560+	4	0.00000+	0	3.98860-	6	57	1454	310
6.31570+	4	0.00000+	0	8.97430-	6	6.31580+	4	0.00000+	0	3.68940-	5	57	1454	311
6.31590+	4	0.00000+	0	1.04700-	5	6.31600+	4	0.00000+	0	2.49290-	6	57	1454	312
6.41580+	4	0.00000+	0	0.00000+	0	6.41590+	4	0.00000+	0	0.00000+	0	57	1454	313
6.41600+	4	0.00000+	0	7.97710-	7	6.41610+	4	0.00000+	0	7.77770-	7	57	1454	314
6.51600+	4	0.00000+	0	2.99140-	8	6.51610+	4	0.00000+	0	3.98860-	8	57	1454	315
1.95000+	6	0.00000+	0		2		0		732		244	57	1454	316
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	317
3.10740+	4	0.00000+	0	1.43090-	5	3.10750+	4	0.00000+	0	1.75220-	4	57	1454	318
3.10760+	4	0.00000+	0	2.72560-	4	3.10770+	4	0.00000+	0	4.08840-	4	57	1454	319
3.20750+	4	0.00000+	0	0.00000+	0	3.20760+	4	0.00000+	0	1.94690-	5	57	1454	320
3.20770+	4	0.00000+	0	5.84060-	5	3.20780+	4	0.00000+	0	7.20340-	4	57	1454	321
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	0.00000+	0	57	1454	322
3.30780+	4	0.00000+	0	1.94690-	5	3.30790+	4	0.00000+	0	1.16810-	3	57	1454	323
3.30800+	4	0.00000+	0	1.84950-	3	3.30810+	4	0.00000+	0	2.92030-	3	57	1454	324
3.40810+	4	0.00000+	0	9.73430-	5	3.40820+	4	0.00000+	0	4.18570-	3	57	1454	325
3.40830+	4	0.00000+	0	5.64590-	3	3.40840+	4	0.00000+	0	1.01240-	2	57	1454	326
3.40850+	4	0.00000+	0	1.15840-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	327
3.50820+	4	0.00000+	0	0.00000+	0	3.50830+	4	0.00000+	0	3.40700-	4	57	1454	328
3.50840+	4	0.00000+	0	2.92030-	4	3.50850+	4	0.00000+	0	2.82290-	3	57	1454	329
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	9.73430-	5	57	1454	330
3.60860+	4	0.00000+	0	1.87870-	2	3.60870+	4	0.00000+	0	2.58930-	2	57	1454	331
3.60880+	4	0.00000+	0	3.40700-	2	3.60890+	4	0.00000+	0	4.47780-	2	57	1454	332
3.60900+	4	0.00000+	0	4.18570-	2	3.60910+	4	0.00000+	0	3.50430-	2	57	1454	333
3.60920+	4	0.00000+	0	2.72560-	2	3.60930+	4	0.00000+	0	1.75220-	2	57	1454	334
3.60940+	4	0.00000+	0	8.46880-	3	3.60950+	4	0.00000+	0	4.18570-	3	57	1454	335
3.60970+	4	0.00000+	0	0.00000+	0	3.70860+	4	0.00000+	0	0.00000+	0	57	1454	336
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.26550-	3	57	1454	337
3.70890+	4	0.00000+	0	3.89370-	3	3.70900+	4	0.00000+	0	8.76080-	3	57	1454	338
3.70910+	4	0.00000+	0	1.65480-	2	3.70920+	4	0.00000+	0	2.33620-	2	57	1454	339
3.70930+	4	0.00000+	0	2.82290-	2	3.70940+	4	0.00000+	0	2.65750-	2	57	1454	340
3.70950+	4	0.00000+	0	2.20970-	2	3.70970+	4	0.00000+	0	6.61930-	3	57	1454	341
3.80900+	4	0.00000+	0	3.89370-	4	3.80910+	4	0.00000+	0	1.94690-	3	57	1454	342
3.80920+	4	0.00000+	0	5.84060-	3	3.80930+	4	0.00000+	0	1.26550-	2	57	1454	343
3.80940+	4	0.00000+	0	2.14150-	2	3.80950+	4	0.00000+	0	2.82290-	2	57	1454	344
3.80970+	4	0.00000+	0	2.64770-	2	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	345
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	9.73430-	4	57	1454	346
3.90940+	4	0.00000+	0	3.89370-	3	3.90950+	4	0.00000+	0	1.07080-	2	57	1454	347
3.90960+	4	0.00000+	0	5.93790-	2	3.90970+	4	0.00000+	0	2.62830-	2	57	1454	348
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	349
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	0.00000+	0	57	1454	350
4.00960+	4	0.00000+	0	2.92030-	3	4.00970+	4	0.00000+	0	6.52200-	3	57	1454	351
4.00980+	4	0.00000+	0	5.54850-	2	4.00990+	4	0.00000+	0	4.76980-	2	57	1454	352
4.10950+	4	0.00000+	0	0.00000+	0	4.10950+	4	0.00000+	0	0.00000+	0	57	1454	353
4.10970+	4	0.00000+	0	0.00000+	0	4.10980+	4	0.00000+	0	3.89370-	3	57	1454	354
4.10990+	4	0.00000+	0	9.73430-	3	4.11000+	4	0.00000+	0	5.35380-	2	57	1454	355
4.11010+	4	0.00000+	0	4.47780-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	356
4.20990+	4	0.00000+	0	0.00000+	0	4.21000+	4	0.00000+	0	0.00000+	0	57	1454	357
4.21010+	4	0.00000+	0	7.78740-	3	4.21020+	4	0.00000+	0	4.38040-	2	57	1454	358
4.21030+	4	0.00000+	0	3.11500-	2	4.21040+	4	0.00000+	0	1.83980-	2	57	1454	359
4.21050+	4	0.00000+	0	1.26550-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	360
4.31010+	4	0.00000+	0	5.84060-	4	4.31020+	4	0.00000+	0	1.46010-	3	57	1454	361
4.31030+	4	0.00000+	0	2.92030-	3	4.31040+	4	0.00000+	0	4.28310-	3	57	1454	362
4.31050+	4	0.00000+	0	1.94690-	3	4.31060+	4	0.00000+	0	8.95550-	3	57	1454	363
4.31070+	4	0.00000+	0	3.30970-	3	4.31080+	4	0.00000+	0	2.14150-	3	57	1454	364
4.41040+	4	0.00000+	0	1.94690-	4	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	365
4.41060+	4	0.00000+	0	4.86710-	4	4.41070+	4	0.00000+	0	1.94690-	4	57	1454	366
4.41080+	4	0.00000+	0	1.94690-	4	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	367
4.51090+	4	0.00000+	0	1.42120-	3	4.51100+	4	0.00000+	0	1.07080-	3	57	1454	368
4.51110+	4	0.00000+	0	4.47780-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	369
4.61120+	4	0.00000+	0	3.89370-	4	4.61130+	4	0.00000+	0	3.32910-	4	57	1454	370
4.61140+	4	0.00000+	0	3.29020-	4	4.61150+	4	0.00000+	0	3.01760-	4	57	1454	371

4.61160+	4	0.00000+	0	2.96900-	4	4.61170+	4	0.00000+	0	2.53090-	4	57	1454	372
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	3.89370-	6	57	1454	373
4.71150+	4	0.00000+	0	2.92030-	5	4.71160+	4	0.00000+	0	5.15920-	5	57	1454	374
4.71170+	4	0.00000+	0	9.73430-	5	4.71180+	4	0.00000+	0	3.40700-	4	57	1454	375
4.81160+	4	0.00000+	0	9.73430-	7	4.81170+	4	0.00000+	0	1.94690-	5	57	1454	376
4.81180+	4	0.00000+	0	4.86710-	5	4.81190+	4	0.00000+	0	3.69900-	4	57	1454	377
4.81200+	4	0.00000+	0	3.60170-	4	4.81210+	4	0.00000+	0	3.40700-	4	57	1454	378
4.91200+	4	0.00000+	0	1.94690-	5	4.91210+	4	0.00000+	0	4.86710-	5	57	1454	379
4.91230+	4	0.00000+	0	8.37150-	4	5.01210+	4	0.00000+	0	9.73430-	6	57	1454	380
5.01220+	4	0.00000+	0	6.03520-	4	5.01230+	4	0.00000+	0	7.78740-	5	57	1454	381
5.01240+	4	0.00000+	0	1.26550-	3	5.01250+	4	0.00000+	0	7.59270-	4	57	1454	382
5.01260+	4	0.00000+	0	2.92030-	3	5.01270+	4	0.00000+	0	3.30970-	3	57	1454	383
5.01280+	4	0.00000+	0	5.06180-	3	5.01290+	4	0.00000+	0	7.00870-	3	57	1454	384
5.01300+	4	0.00000+	0	8.46880-	3	5.01310+	4	0.00000+	0	1.20700-	2	57	1454	385
5.01320+	4	0.00000+	0	9.73430-	3	5.01330+	4	0.00000+	0	6.81400-	3	57	1454	386
5.11240+	4	0.00000+	0	1.26550-	5	5.11250+	4	0.00000+	0	1.28490-	3	57	1454	387
5.11260+	4	0.00000+	0	3.89370-	4	5.11270+	4	0.00000+	0	1.16810-	3	57	1454	388
5.11280+	4	0.00000+	0	1.65480-	3	5.11290+	4	0.00000+	0	4.67240-	3	57	1454	389
5.11300+	4	0.00000+	0	9.05290-	3	5.11310+	4	0.00000+	0	1.36280-	2	57	1454	390
5.11320+	4	0.00000+	0	2.23890-	2	5.11330+	4	0.00000+	0	2.62830-	2	57	1454	391
5.11340+	4	0.00000+	0	1.55750-	2	5.11350+	4	0.00000+	0	7.00870-	3	57	1454	392
5.21270+	4	0.00000+	0	9.73430-	5	5.21280+	4	0.00000+	0	1.94690-	4	57	1454	393
5.21290+	4	0.00000+	0	9.73430-	4	5.21300+	4	0.00000+	0	2.92030-	3	57	1454	394
5.21310+	4	0.00000+	0	4.86710-	3	5.21320+	4	0.00000+	0	1.55750-	2	57	1454	395
5.21330+	4	0.00000+	0	3.20260-	2	5.21340+	4	0.00000+	0	3.21230-	2	57	1454	396
5.21350+	4	0.00000+	0	2.60880-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	397
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	5.84060-	5	57	1454	398
5.31310+	4	0.00000+	0	9.73430-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	399
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	1.84950-	2	57	1454	400
5.31350+	4	0.00000+	0	2.53090-	2	5.41340+	4	0.00000+	0	2.82290-	3	57	1454	401
5.41350+	4	0.00000+	0	4.86710-	3	5.41360+	4	0.00000+	0	5.77240-	2	57	1454	402
5.41370+	4	0.00000+	0	5.25650-	2	5.41380+	4	0.00000+	0	4.67240-	2	57	1454	403
5.41390+	4	0.00000+	0	3.21230-	2	5.41400+	4	0.00000+	0	2.04420-	2	57	1454	404
5.41410+	4	0.00000+	0	1.16810-	2	5.41420+	4	0.00000+	0	5.06180-	3	57	1454	405
5.41430+	4	0.00000+	0	1.75220-	3	5.41440+	4	0.00000+	0	1.16810-	4	57	1454	406
5.51350+	4	0.00000+	0	3.89370-	4	5.51360+	4	0.00000+	0	3.60170-	3	57	1454	407
5.51370+	4	0.00000+	0	8.27410-	3	5.51380+	4	0.00000+	0	1.60620-	2	57	1454	408
5.51390+	4	0.00000+	0	2.23890-	2	5.51400+	4	0.00000+	0	2.53090-	2	57	1454	409
5.51410+	4	0.00000+	0	2.82290-	2	5.51420+	4	0.00000+	0	2.21940-	2	57	1454	410
5.51430+	4	0.00000+	0	1.38230-	2	5.51440+	4	0.00000+	0	6.98920-	3	57	1454	411
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	412
5.61380+	4	0.00000+	0	1.46010-	3	5.61390+	4	0.00000+	0	4.86710-	3	57	1454	413
5.61400+	4	0.00000+	0	9.73430-	3	5.61410+	4	0.00000+	0	1.84950-	2	57	1454	414
5.61420+	4	0.00000+	0	2.33620-	2	5.61430+	4	0.00000+	0	2.62830-	2	57	1454	415
5.61440+	4	0.00000+	0	2.20970-	2	5.71400+	4	0.00000+	0	0.00000+	0	57	1454	416
5.71410+	4	0.00000+	0	2.92030-	3	5.71420+	4	0.00000+	0	6.03520-	3	57	1454	417
5.71430+	4	0.00000+	0	1.36280-	2	5.71440+	4	0.00000+	0	1.75220-	2	57	1454	418
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	9.73430-	4	57	1454	419
5.81440+	4	0.00000+	0	3.40700-	3	5.81450+	4	0.00000+	0	3.73800-	2	57	1454	420
5.81460+	4	0.00000+	0	2.82290-	2	5.81470+	4	0.00000+	0	2.04420-	2	57	1454	421
5.81480+	4	0.00000+	0	1.36280-	2	5.91450+	4	0.00000+	0	9.73430-	5	57	1454	422
5.91460+	4	0.00000+	0	9.73430-	4	5.91470+	4	0.00000+	0	1.94690-	3	57	1454	423
5.91480+	4	0.00000+	0	3.21230-	3	6.01480+	4	0.00000+	0	1.94690-	4	57	1454	424
6.01490+	4	0.00000+	0	1.11940-	2	6.01500+	4	0.00000+	0	8.09890-	3	57	1454	425
6.01510+	4	0.00000+	0	3.79640-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	426
6.11490+	4	0.00000+	0	9.73430-	5	6.11500+	4	0.00000+	0	3.69900-	4	57	1454	427
6.11510+	4	0.00000+	0	4.67240-	4	6.11520+	4	0.00000+	0	2.97870-	3	57	1454	428
6.11540+	4	0.00000+	0	8.66350-	4	6.21520+	4	0.00000+	0	2.92030-	5	57	1454	429
6.21530+	4	0.00000+	0	2.04420-	3	6.21540+	4	0.00000+	0	8.76080-	5	57	1454	430
6.21550+	4	0.00000+	0	6.91130-	4	6.21560+	4	0.00000+	0	2.33620-	4	57	1454	431
6.21570+	4	0.00000+	0	1.46010-	4	6.31540+	4	0.00000+	0	0.00000+	0	57	1454	432
6.31550+	4	0.00000+	0	0.00000+	0	6.31560+	4	0.00000+	0	9.73430-	6	57	1454	433
6.31570+	4	0.00000+	0	1.94690-	5	6.31580+	4	0.00000+	0	7.98210-	5	57	1454	434
6.31590+	4	0.00000+	0	3.30970-	5	6.31600+	4	0.00000+	0	1.16810-	5	57	1454	435
6.31600+	4	0.00000+	0	3.89370-	8	6.41580+	4	0.00000+	0	1.94690-	6	57	1454	436
6.41590+	4	0.00000+	0	0.00000+	0	6.41600+	4	0.00000+	0	1.94690-	6	57	1454	437
6.41610+	4	0.00000+	0	4.47780-	6	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	438
1.50000+	7	0.00000+	0		2		0	732		244		57	1454	439
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	440
3.10740+	4	0.00000+	0	2.59720-	4	3.10750+	4	0.00000+	0	3.82230-	4	57	1454	441
3.10760+	4	0.00000+	0	5.39040-	4	3.10770+	4	0.00000+	0	6.46850-	4	57	1454	442

3.20750+	4	0.00000+	0	1.96020-	5	3.20760+	4	0.00000+	0	6.86050-	5	57	1454	443
3.20770+	4	0.00000+	0	1.76410-	4	3.20780+	4	0.00000+	0	9.80080-	4	57	1454	444
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	9.80080-	6	57	1454	445
3.30780+	4	0.00000+	0	9.80080-	5	3.30790+	4	0.00000+	0	1.66610-	3	57	1454	446
3.30800+	4	0.00000+	0	1.86210-	3	3.30810+	4	0.00000+	0	2.25420-	3	57	1454	447
3.40810+	4	0.00000+	0	1.96020-	4	3.40820+	4	.00000+	0	3.72430-	3	57	1454	448
3.40830+	4	0.00000+	0	1.06830-	2	3.40840+	4	0.00000+	0	1.27410-	2	57	1454	449
3.40850+	4	0.00000+	0	1.30350-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	450
3.50820+	4	0.00000+	0	3.92030-	5	3.50830+	4	0.00000+	0	6.86050-	4	57	1454	451
3.50840+	4	0.00000+	0	1.96020-	3	3.50850+	4	0.00000+	0	5.97850-	3	57	1454	452
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	5.88050-	4	57	1454	453
3.60860+	4	0.00000+	0	2.45020-	2	3.60870+	4	.00000+	0	2.94020-	2	57	1454	454
3.60880+	4	0.00000+	0	3.23430-	2	3.60890+	4	0.00000+	0	3.62630-	2	57	1454	455
3.60900+	4	0.00000+	0	3.03820-	2	3.60910+	4	0.00000+	0	1.76410-	2	57	1454	456
3.60920+	4	0.00000+	0	7.35060-	3	3.60930+	4	0.00000+	0	1.86210-	3	57	1454	457
3.60940+	4	0.00000+	0	3.52830-	3	3.60950+	4	0.00000+	0	9.80080-	4	57	1454	458
3.60970+	4	0.00000+	0	0.00000+	0	3.70850+	4	0.00000+	0	0.00000+	0	57	1454	459
3.70870+	4	0.00000+	0	9.80080-	4	3.70880+	4	.00000+	0	2.94020-	3	57	1454	460
3.70890+	4	0.00000+	0	6.86050-	3	3.70900+	4	0.00000+	0	1.17610-	2	57	1454	461
3.70910+	4	0.00000+	0	2.54820-	2	3.70920+	4	0.00000+	0	2.98920-	2	57	1454	462
3.70930+	4	0.00000+	0	2.75400-	2	3.70940+	4	.00000+	0	1.70530-	2	57	1454	463
3.70950+	4	0.00000+	0	1.07810-	2	3.70970+	4	0.00000+	0	0.00000+	0	57	1454	464
3.80900+	4	0.00000+	0	1.96020-	3	3.80910+	4	0.00000+	0	4.90040-	3	57	1454	465
3.80920+	4	0.00000+	0	9.80080-	3	3.80930+	4	0.00000+	0	1.56810-	2	57	1454	466
3.80940+	4	0.00000+	0	2.05820-	2	3.80950+	4	0.00000+	0	2.25420-	2	57	1454	467
3.80970+	4	0.00000+	0	3.03820-	3	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	468
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	2.94020-	3	57	1454	469
3.90940+	4	0.00000+	0	6.86050-	3	3.90950+	4	0.00000+	0	1.17610-	2	57	1454	470
3.90960+	4	0.00000+	0	4.41030-	2	3.90970+	4	0.00000+	0	1.85230-	2	57	1454	471
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	472
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	9.80080-	4	57	1454	473
4.00960+	4	0.00000+	0	3.92030-	3	4.00970+	4	0.00000+	0	2.74420-	2	57	1454	474
4.00980+	4	0.00000+	0	4.70440-	2	4.00990+	4	0.00000+	0	4.01830-	2	57	1454	475
4.10950+	4	0.00000+	0	0.00000+	0	4.10960+	4	0.00000+	0	2.94020-	5	57	1454	476
4.10970+	4	0.00000+	0	1.07810-	2	4.10980+	4	0.00000+	0	0.00000+	0	57	1454	477
4.10990+	4	0.00000+	0	1.07810-	2	4.11000+	4	0.00000+	0	4.11630-	2	57	1454	478
4.11010+	4	0.00000+	0	2.84220-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	479
4.20990+	4	0.00000+	0	9.80080-	4	4.21000+	4	0.00000+	0	3.92030-	3	57	1454	480
4.21010+	4	0.00000+	0	9.80080-	3	4.21020+	4	.00000+	0	3.43030-	2	57	1454	481
4.21030+	4	0.00000+	0	2.84220-	2	4.21040+	4	0.00000+	0	1.56810-	2	57	1454	482
4.21050+	4	0.00000+	0	1.17610-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	483
4.31010+	4	0.00000+	0	9.80080-	4	4.31020+	4	0.00000+	0	2.94020-	3	57	1454	484
4.31030+	4	0.00000+	0	4.90040-	3	4.31040+	4	.00000+	0	6.86050-	3	57	1454	485
4.31050+	4	0.00000+	0	6.86050-	3	4.31060+	4	0.00000+	0	1.76410-	2	57	1454	486
4.31070+	4	0.00000+	0	1.27410-	2	4.31080+	4	0.00000+	0	1.07810-	2	57	1454	487
4.41040+	4	0.00000+	0	9.80080-	4	4.41050+	4	0.00000+	0	9.80080-	4	57	1454	488
4.41060+	4	0.00000+	0	9.80080-	4	4.41070+	4	0.00000+	0	9.80080-	4	57	1454	489
4.41080+	4	0.00000+	0	1.96020-	3	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	490
4.51090+	4	0.00000+	0	1.28390-	2	4.51100+	4	.00000+	0	1.17610-	2	57	1454	491
4.51110+	4	0.00000+	0	1.09770-	2	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	492
4.61120+	4	0.00000+	0	7.93860-	3	4.61130+	4	0.00000+	0	1.17610-	2	57	1454	493
4.61140+	4	0.00000+	0	9.70280-	3	4.61150+	4	0.00000+	0	8.91870-	3	57	1454	494
4.61160+	4	0.00000+	0	7.44860-	3	4.61170+	4	0.00000+	0	5.48840-	3	57	1454	495
4.71110+	4	0.00000+	0	3.92030-	4	4.71140+	4	0.00000+	0	9.80080-	5	57	1454	496
4.71150+	4	0.00000+	0	1.27410-	3	4.71160+	4	0.00000+	0	2.35220-	3	57	1454	497
4.71170+	4	0.00000+	0	3.72430-	3	4.71180+	4	0.00000+	0	8.33070-	3	57	1454	498
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	5.88050-	4	57	1454	499
4.81180+	4	0.00000+	0	1.47010-	3	4.81190+	4	0.00000+	0	9.80080-	3	57	1454	500
4.81200+	4	0.00000+	0	9.40870-	3	4.81210+	4	.00000+	0	8.62470-	3	57	1454	501
4.91200+	4	0.00000+	0	1.37210-	3	4.91210+	4	0.00000+	0	3.13620-	3	57	1454	502
4.91230+	4	0.00000+	0	9.80080-	3	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	503
5.01220+	4	0.00000+	0	1.17610-	2	5.01230+	4	0.00000+	0	1.96020-	3	57	1454	504
5.01240+	4	0.00000+	0	1.17610-	2	5.01250+	4	0.00000+	0	1.31330-	2	57	1454	505
5.01260+	4	0.00000+	0	1.27410-	2	5.01270+	4	0.00000+	0	1.37210-	2	57	1454	506
5.01280+	4	0.00000+	0	1.27410-	2	5.01290+	4	0.00000+	0	9.80080-	3	57	1454	507
5.01300+	4	0.00000+	0	1.17610-	2	5.01310+	4	0.00000+	0	9.80080-	3	57	1454	508
5.01320+	4	0.00000+	0	5.29240-	3	5.01330+	4	0.00000+	0	2.94020-	3	57	1454	509
5.11240+	4	0.00000+	0	5.97850-	4	5.11250+	4	.00000+	0	1.56810-	3	57	1454	510
5.11260+	4	0.00000+	0	4.90040-	3	5.11270+	4	0.00000+	0	8.62470-	3	57	1454	511
5.11280+	4	0.00000+	0	1.07810-	2	5.11290+	4	0.00000+	0	1.07810-	2	57	1454	512
5.11300+	4	0.00000+	0	1.66610-	2	5.11310+	4	0.00000+	0	1.96020-	2	57	1454	513

5.11320+	4	0.00000+	0	1.82290-	2	5.11330+	4	0.00000+	0	1.56810-	2	57	1454	514
5.11340+	4	0.00000+	0	6.76250-	3	5.11350+	4	0.00000+	0	1.47010-	3	57	1454	515
5.21270+	4	0.00000+	0	1.96020-	3	5.21280+	4	0.00000+	0	2.94020-	3	57	1454	516
5.21290+	4	0.00000+	0	9.80080-	3	5.21300+	4	0.00000+	0	5.88050-	3	57	1454	517
5.21310+	4	0.00000+	0	9.80080-	3	5.21320+	4	0.00000+	0	1.76410-	2	57	1454	518
5.21330+	4	0.00000+	0	2.25420-	2	5.21340+	4	0.00000+	0	2.36200-	2	57	1454	519
5.21350+	4	0.00000+	0	1.42110-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	520
5.31290+	4	0.00000+	0	9.80080-	4	5.31300+	4	0.00000+	0	3.23430-	4	57	1454	521
5.31310+	4	0.00000+	0	1.96020-	3	5.31320+	4	0.00000+	0	7.84060-	3	57	1454	522
5.31330+	4	0.00000+	0	1.17610-	2	5.31340+	4	0.00000+	0	2.15620-	2	57	1454	523
5.31350+	4	0.00000+	0	2.84220-	2	5.41340+	4	0.00000+	0	4.90040-	3	57	1454	524
5.41350+	4	0.00000+	0	1.47010-	2	5.41360+	4	0.00000+	0	4.31230-	2	57	1454	525
5.41370+	4	0.00000+	0	4.41030-	2	5.41380+	4	0.00000+	0	3.62630-	2	57	1454	526
5.41390+	4	0.00000+	0	2.94020-	2	5.41400+	4	0.00000+	0	9.21270-	3	57	1454	527
5.41410+	4	0.00000+	0	2.05820-	3	5.41420+	4	0.00000+	0	1.56810-	3	57	1454	528
5.41430+	4	0.00000+	0	1.47010-	4	5.41440+	4	0.00000+	0	0.00000+	0	57	1454	529
5.51350+	4	0.00000+	0	9.80080-	4	5.51360+	4	0.00000+	0	1.86210-	3	57	1454	530
5.51370+	4	0.00000+	0	1.37210-	2	5.51380+	4	0.00000+	0	7.84060-	3	57	1454	531
5.51390+	4	0.00000+	0	1.17610-	2	5.51400+	4	0.00000+	0	2.11700-	2	57	1454	532
5.51410+	4	0.00000+	0	1.65630-	2	5.51420+	4	0.00000+	0	1.11730-	2	57	1454	533
5.51430+	4	0.00000+	0	6.12550-	3	5.51440+	4	0.00000+	0	2.35220-	3	57	1454	534
5.61360+	4	0.00000+	0	1.96020-	5	5.61370+	4	0.00000+	0	9.80080-	4	57	1454	535
5.61380+	4	0.00000+	0	3.92030-	3	5.61390+	4	0.00000+	0	7.84060-	3	57	1454	536
5.61400+	4	0.00000+	0	1.27410-	2	5.61410+	4	0.00000+	0	1.47010-	2	57	1454	537
5.61420+	4	0.00000+	0	1.86210-	2	5.61430+	4	0.00000+	0	1.72490-	2	57	1454	538
5.61440+	4	0.00000+	0	1.13690-	2	5.71400+	4	0.00000+	0	1.96020-	3	57	1454	539
5.71410+	4	0.00000+	0	3.92030-	3	5.71420+	4	0.00000+	0	7.84060-	3	57	1454	540
5.71430+	4	0.00000+	0	1.27410-	2	5.71440+	4	0.00000+	0	1.47010-	2	57	1454	541
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	1.96020-	3	57	1454	542
5.81440+	4	0.00000+	0	3.92030-	3	5.81450+	4	0.00000+	0	2.74420-	2	57	1454	543
5.81460+	4	0.00000+	0	2.15620-	2	5.81470+	4	0.00000+	0	1.56810-	2	57	1454	544
5.81480+	4	0.00000+	0	8.62470-	3	5.91450+	4	0.00000+	0	9.80080-	4	57	1454	545
5.91460+	4	0.00000+	0	1.96020-	3	5.91470+	4	0.00000+	0	3.92030-	3	57	1454	546
5.91480+	4	0.00000+	0	4.11630-	3	6.01480+	4	0.00000+	0	9.80080-	4	57	1454	547
6.01490+	4	0.00000+	0	5.29240-	3	6.01500+	4	0.00000+	0	2.64620-	3	57	1454	548
6.01510+	4	0.00000+	0	1.76410-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	549
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	9.31070-	5	57	1454	550
6.11510+	4	0.00000+	0	1.96020-	4	6.11520+	4	0.00000+	0	1.47010-	3	57	1454	551
6.11540+	4	0.00000+	0	7.25260-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	552
6.21530+	4	0.00000+	0	1.17610-	3	6.21540+	4	0.00000+	0	1.47010-	4	57	1454	553
6.21550+	4	0.00000+	0	6.66450-	4	6.21560+	4	0.00000+	0	4.80240-	4	57	1454	554
6.21570+	4	0.00000+	0	3.23430-	4	6.31540+	4	0.00000+	0	4.80240-	6	57	1454	555
6.31550+	4	0.00000+	0	3.92030-	5	6.31560+	4	0.00000+	0	5.88050-	5	57	1454	556
6.31570+	4	0.00000+	0	8.82070-	5	6.31580+	4	0.00000+	0	2.74420-	4	57	1454	557
6.31590+	4	0.00000+	0	1.76410-	4	6.31600+	4	0.00000+	0	0.00000+	0	57	1454	558
6.41580+	4	0.00000+	0	1.96020-	5	6.41590+	4	0.00000+	0	1.96020-	5	57	1454	559
6.41600+	4	0.00000+	0	0.00000+	0	6.41610+	4	0.00000+	0	0.00000+	0	57	1454	560
6.51600+	4	0.00000+	0	0.00000+	0	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	561
												57	1 0	562
												57	0 0	563
9.22350+	4	2.33025+	2		0		0		1		0	57	2151	564
9.22350+	4	1.00000+	0		0		1		2		0	57	2151	565
1.00000+	0	8.20000+	1		1		1		0		0	57	2151	566
3.50000+	0	9.56630-	1		0		0		1		0	57	2151	567
2.33020+	2	0.00000+	0		0		0		780		130	57	2151	568
-1.49000+	0	3.50000+	0	2.37680-	1	3.68200-	3	4.70000-	2	2.07000-	1	57	2151	569
2.90000-	1	3.50000+	0	1.35000-	1	3.01570-	6	3.60000-	2	9.90000-	2	57	2151	570
1.14000+	0	3.50000+	0	1.50820-	1	1.51610-	5	3.46000-	2	1.16200-	1	57	2151	571
2.03500+	0	3.50000+	0	4.46960-	2	7.66050-	6	3.48740-	2	9.81400-	3	57	2151	572
2.92000+	0	3.50000+	0	2.20000-	1	4.85300-	6	4.00000-	2	2.00000-	1	57	2151	573
3.14700+	0	3.50000+	0	1.39610-	1	2.24050-	5	3.32100-	2	1.06370-	1	57	2151	574
3.60900+	0	3.50000+	0	8.43790-	2	4.55940-	5	3.36960-	2	5.06370-	2	57	2151	575
4.84800+	0	3.50000+	0	3.95920-	2	6.03520-	5	3.59450-	2	3.58700-	3	57	2151	576
5.44800+	0	3.50000+	0	9.01200-	2	3.36110-	6	9.00000-	2	3.01170-	2	57	2151	577
5.60000+	0	3.50000+	0	6.41920-	1	3.33190-	5	2.00000-	2	6.21890-	1	57	2151	578
6.21000+	0	3.50000+	0	2.30900-	1	6.37950-	5	4.34690-	2	1.87360-	1	57	2151	579
6.38200+	0	3.50000+	0	4.47880-	2	2.68340-	4	3.49720-	2	9.54800-	3	57	2151	580
7.07700+	0	3.50000+	0	6.39340-	2	1.26600-	4	3.55740-	2	2.82330-	2	57	2151	581
8.78100+	0	3.50000+	0	1.23290-	1	1.12340-	3	3.11700-	2	9.10000-	2	57	2151	582
9.28600+	0	3.50000+	0	1.10760-	1	1.63640-	4	3.56000-	2	7.50000-	2	57	2151	583
9.73000+	0	3.50000+	0	2.69050-	1	5.30280-	5	3.20000-	2	2.37000-	1	57	2151	584

1.01800+	1	3.50000+	0	1.00560-	1	6.18980-	5	3.80000-	2	6.25000-	2	57	2151	585
1.08000+	1	3.50000+	0	9.35090-	1	9.33320-	5	9.70000-	2	8.68000-	1	57	2151	586
1.16660+	1	3.50000+	0	4.72770-	2	6.27440-	4	4.04000-	2	6.25000-	3	57	2151	587
1.23960+	1	3.50000+	0	6.32620-	2	1.26220-	3	3.45000-	2	2.75000-	2	57	2151	588
1.28610+	1	3.50000+	0	1.19550-	1	5.30760-	5	3.35000-	2	8.60000-	2	57	2151	589
1.32750+	1	3.50000+	0	1.51440-	1	3.93500-	5	2.86000-	2	1.22800-	1	57	2151	590
1.37000+	1	3.50000+	0	1.23940-	1	3.70130-	5	3.04000-	2	9.35000-	2	57	2151	591
1.39960+	1	3.50000+	0	4.96540-	1	5.37230-	4	2.60000-	2	4.70000-	1	57	2151	592
1.45440+	1	3.50000+	0	5.62150-	2	1.15170-	4	3.52000-	2	2.09000-	2	57	2151	593
1.54060+	1	3.50000+	0	7.88370-	2	2.37070-	4	3.53000-	2	4.33000-	2	57	2151	594
1.60880+	1	3.50000+	0	5.03610-	2	3.60990-	4	3.13830-	2	1.86170-	2	57	2151	595
1.66670+	1	3.50000+	0	1.33270-	1	2.73000-	4	3.21050-	2	1.00890-	1	57	2151	596
1.80520+	1	3.50000+	0	1.60380-	1	3.84510-	4	3.50000-	2	1.25000-	1	57	2151	597
1.89600+	1	3.50000+	0	1.05120-	1	1.15820-	4	5.00000-	2	5.50000-	2	57	2151	598
1.92970+	1	3.50000+	0	9.81940-	2	3.19360-	3	3.48210-	2	6.01790-	2	57	2151	599
2.01300+	1	3.50000+	0	2.40090-	1	8.77140-	5	1.39100-	2	2.26090-	1	57	2151	600
2.02000+	1	3.50000+	0	5.00130-	2	1.30340-	5	4.92800-	2	7.20000-	4	57	2151	601
2.06100+	1	3.50000+	0	8.41910-	2	1.91170-	4	4.04850-	2	4.35150-	2	57	2151	602
2.10720+	1	3.50000+	0	7.35030-	2	1.50270-	3	4.03420-	2	3.16580-	2	57	2151	603
2.29390+	1	3.50000+	0	7.54360-	2	4.35840-	4	3.26700-	2	4.23300-	2	57	2151	604
2.34120+	1	3.50000+	0	3.22040-	2	7.03720-	4	2.65000-	2	5.00000-	3	57	2151	605
2.36290+	1	3.50000+	0	2.25860-	1	8.55770-	4	4.30000-	2	1.82000-	1	57	2151	606
2.42450+	1	3.50000+	0	5.82680-	2	2.68350-	4	3.10000-	2	2.70000-	2	57	2151	607
2.43700+	1	3.50000+	0	1.00150-	1	1.49580-	4	3.50000-	2	6.50000-	2	57	2151	608
2.52000+	1	3.50000+	0	8.50680-	1	6.76240-	4	2.50000-	2	8.25000-	1	57	2151	609
2.55900+	1	3.50000+	0	3.85560-	1	5.64550-	4	2.50000-	2	3.60000-	1	57	2151	610
2.64800+	1	3.50000+	0	1.92480-	1	4.75990-	4	3.20000-	2	1.60000-	1	57	2151	611
2.67400+	1	3.50000+	0	2.50090-	1	8.56850-	5	3.00000-	2	2.20000-	1	57	2151	612
2.71490+	1	3.50000+	0	1.15590-	1	8.51390-	5	4.20000-	2	7.35000-	2	57	2151	613
2.77960+	1	3.50000+	0	1.20670-	1	6.74470-	4	3.20000-	2	8.80000-	2	57	2151	614
2.80900+	1	3.50000+	0	6.50310-	2	3.11640-	5	4.00000-	2	2.50000-	2	57	2151	615
2.83510+	1	3.50000+	0	1.49190-	1	1.88540-	4	3.17000-	2	1.17300-	1	57	2151	616
2.87100+	1	3.50000+	0	1.30040-	1	4.50090-	5	5.00000-	2	8.00000-	2	57	2151	617
2.96440+	1	3.50000+	0	6.11770-	2	1.77440-	4	3.70000-	2	2.40000-	2	57	2151	618
3.05900+	1	3.50000+	0	1.55230-	1	2.27320-	4	4.50940-	2	1.09900-	1	57	2151	619
3.08600+	1	3.50000+	0	5.45320-	2	5.32350-	4	3.52690-	2	1.87310-	2	57	2151	620
3.20700+	1	3.50000+	0	9.98230-	2	1.82330-	3	3.77240-	2	6.02760-	2	57	2151	621
3.35200+	1	3.50000+	0	5.68590-	2	1.85950-	3	3.18610-	2	2.31390-	2	57	2151	622
3.43700+	1	3.50000+	0	8.72530-	2	2.25270-	3	4.31600-	2	4.18400-	2	57	2151	623
3.48500+	1	3.50000+	0	1.16100-	1	1.09770-	3	3.82470-	2	7.67530-	2	57	2151	624
3.51870+	1	3.50000+	0	1.03500-	1	3.50040-	3	3.14020-	2	6.85980-	2	57	2151	625
3.53000+	1	3.50000+	0	6.91570-	1	1.56750-	3	4.00000-	2	6.50000-	1	57	2151	626
3.64000+	1	3.50000+	0	1.54010+	0	1.19940-	4	4.00000-	2	1.50000+	0	57	2151	627
3.75000+	1	3.50000+	0	1.54020+	0	1.66380-	4	4.00000-	2	1.50000+	0	57	2151	628
3.83000+	1	3.50000+	0	3.08340-	1	3.35920-	4	4.21910-	2	2.65810-	1	57	2151	629
3.94100+	1	3.50000+	0	9.55230-	2	2.52330-	3	3.44880-	2	5.85120-	2	57	2151	630
3.99000+	1	3.50000+	0	1.50240-	1	2.36370-	4	3.31770-	2	1.16820-	1	57	2151	631
4.05360+	1	3.50000+	0	2.09380-	1	3.80290-	4	3.43230-	2	1.74680-	1	57	2151	632
4.13500+	1	3.50000+	0	4.45640-	1	6.44840-	4	4.50000-	2	4.00000-	1	57	2151	633
4.15900+	1	3.50000+	0	1.65220-	1	2.23910-	4	3.09070-	2	1.34090-	1	57	2151	634
4.18730+	1	3.50000+	0	4.12330-	2	1.23250-	3	2.89510-	2	1.10490-	2	57	2151	635
4.22300+	1	3.50000+	0	1.45450-	1	4.47220-	4	4.82400-	2	9.67600-	2	57	2151	636
4.26900+	1	3.50000+	0	6.13450-	2	3.45180-	4	4.43220-	2	1.66780-	2	57	2151	637
4.33980+	1	3.50000+	0	7.07540-	2	7.54490-	4	4.58800-	2	2.41200-	2	57	2151	638
4.39000+	1	3.50000+	0	1.10200-	1	2.00960-	4	4.10360-	2	6.89640-	2	57	2151	639
4.39700+	1	3.50000+	0	2.50340-	1	3.45470-	4	1.73090-	2	2.32690-	1	57	2151	640
4.46000+	1	3.50000+	0	1.75840-	1	8.38650-	4	4.59780-	2	1.29020-	1	57	2151	641
4.49500+	1	3.50000+	0	5.35760-	1	7.57000-	4	3.07390-	2	5.04260-	1	57	2151	642
4.57900+	1	3.50000+	0	1.34190-	1	1.87910-	4	4.08070-	2	9.31930-	2	57	2151	643
4.67900+	1	3.50000+	0	1.52800-	1	8.03050-	4	3.70000-	2	1.15000-	1	57	2151	644
4.70110+	1	3.50000+	0	1.39940-	1	9.36590-	4	4.20000-	2	9.70000-	2	57	2151	645
4.79700+	1	3.50000+	0	9.39880-	2	9.88340-	4	4.57100-	2	4.72900-	2	57	2151	646
4.83000+	1	3.50000+	0	1.65770-	1	7.70940-	4	2.47150-	2	1.40280-	1	57	2151	647
4.88000+	1	3.50000+	0	6.56910-	2	6.90610-	4	2.54310-	2	3.95690-	2	57	2151	648
4.90000+	1	3.50000+	0	2.40180-	1	1.76750-	4	2.00000-	2	2.20000-	1	57	2151	649
4.94180+	1	3.50000+	0	6.10130-	2	1.01320-	3	4.29130-	2	1.70870-	2	57	2151	650
5.01080+	1	3.50000+	0	5.43530-	2	3.15850-	4	3.10940-	2	2.29430-	2	57	2151	651
5.04660+	1	3.50000+	0	7.59640-	2	9.63650-	4	3.20300-	2	4.29700-	2	57	2151	652
5.07800+	1	3.50000+	0	3.30190-	1	1.89550-	4	3.00000-	2	3.00000-	1	57	2151	653
5.12680+	1	3.50000+	0	1.88540-	1	3.54480-	3	5.19740-	2	1.33030-	1	57	2151	654
5.16300+	1	3.50000+	0	7.43460-	2	3.45690-	4	3.34540-	2	4.05460-	2	57	2151	655

5.22210+	1	3.50000+	0	3.63510-	1	2.50760-	3	3.10000-	2	3.30000-	1	57	2151	656
5.34380+	1	3.50000+	0	1.35540-	1	5.37290-	4	3.34630-	2	1.01540-	1	57	2151	657
5.41320+	1	3.50000+	0	1.50210-	1	2.14100-	4	4.40000-	2	1.06000-	1	57	2151	658
5.50640+	1	3.50000+	0	1.11170-	1	3.16850-	3	4.85390-	2	5.94610-	2	57	2151	659
5.58400+	1	3.50000+	0	2.51350-	1	2.35490-	3	3.87190-	2	2.10280-	1	57	2151	660
5.60700+	1	3.50000+	0	1.90790-	1	7.86240-	4	3.00000-	2	1.60000-	1	57	2151	661
5.64980+	1	3.50000+	0	1.19920-	1	4.92080-	3	3.91670-	2	7.58330-	2	57	2151	662
5.78000+	1	3.50000+	0	2.21130-	1	1.12520-	3	3.50000-	2	1.85000-	1	57	2151	663
5.80600+	1	3.50000+	0	6.53540-	2	1.35390-	3	3.23150-	2	3.16850-	2	57	2151	664
5.86740+	1	3.50000+	0	1.36330-	1	1.33280-	3	3.30000-	2	1.02000-	1	57	2151	665
5.97600+	1	3.50000+	0	2.55270-	1	2.70570-	4	4.20000-	2	2.13000-	1	57	2151	666
6.01880+	1	3.50000+	0	2.55130-	1	1.12650-	3	3.40000-	2	2.20000-	1	57	2151	667
6.08370+	1	3.50000+	0	1.20460-	1	4.62530-	4	3.00000-	2	9.00000-	2	57	2151	668
6.11300+	1	3.50000+	0	1.25360-	1	3.62780-	4	4.00000-	2	8.50000-	2	57	2151	669
6.15700+	1	3.50000+	0	5.30230-	1	2.25200-	4	3.00000-	2	5.00000-	1	57	2151	670
6.19000+	1	3.50000+	0	5.30170-	1	1.70730-	4	3.00000-	2	5.00000-	1	57	2151	671
6.24000+	1	3.50000+	0	4.60260-	1	2.61630-	4	5.00000-	2	4.00000-	1	57	2151	672
6.30200+	1	3.50000+	0	2.40090-	1	9.08960-	5	4.00000-	2	2.00000-	1	57	2151	673
6.33200+	1	3.50000+	0	2.50100-	1	1.02090-	4	5.00000-	2	2.00000-	1	57	2151	674
6.36900+	1	3.50000+	0	6.21070-	1	1.07440-	3	6.00000-	2	5.60000-	1	57	2151	675
6.43000+	1	3.50000+	0	4.75450-	2	1.24470-	3	3.90000-	2	7.30000-	3	57	2151	676
6.58000+	1	3.50000+	0	9.64230-	2	4.23270-	4	5.00000-	2	4.60000-	2	57	2151	677
6.64020+	1	3.50000+	0	8.94490-	2	4.49480-	4	4.50000-	2	4.40000-	2	57	2151	678
6.72470+	1	3.50000+	0	9.00810-	2	8.09380-	5	4.10000-	2	4.90000-	2	57	2151	679
6.84400+	1	3.50000+	0	2.50040-	1	3.76410-	5	5.00000-	2	2.00000-	1	57	2151	680
6.85300+	1	3.50000+	0	1.60110-	1	1.08360-	4	6.00000-	2	1.00000-	1	57	2151	681
6.92930+	1	3.50000+	0	2.00720-	1	7.15300-	4	4.00000-	2	1.60000-	1	57	2151	682
7.04040+	1	3.50000+	0	1.72720-	1	2.71590-	3	5.00000-	2	1.20000-	1	57	2151	683
7.07500+	1	3.50000+	0	2.37410-	1	2.40910-	3	3.50000-	2	2.00000-	1	57	2151	684
7.16100+	1	3.50000+	0	1.60290-	1	2.91390-	4	4.00000-	2	1.20000-	1	57	2151	685
7.23900+	1	3.50000+	0	1.38610-	1	2.61150-	3	3.10000-	2	1.05000-	1	57	2151	686
7.29100+	1	3.50000+	0	3.60370-	1	3.67170-	4	4.00000-	2	3.20000-	1	57	2151	687
7.45440+	1	3.50000+	0	1.01670-	1	2.72870-	3	3.80000-	2	6.09370-	2	57	2151	688
7.51700+	1	3.50000+	0	2.90890-	1	8.88330-	4	5.00000-	2	2.40000-	1	57	2151	689
7.55410+	1	3.50000+	0	2.33360-	1	1.36210-	3	3.20000-	2	2.00000-	1	57	2151	690
7.67500+	1	3.50000+	0	1.16110-	1	1.07320-	4	3.60000-	2	8.00000-	2	57	2151	691
7.74920+	1	3.50000+	0	1.12990-	1	9.86810-	4	4.00000-	2	7.20000-	2	57	2151	692
7.81170+	1	3.50000+	0	1.48220-	1	1.22450-	3	4.70000-	2	1.00000-	1	57	2151	693
7.96720+	1	3.50000+	0	1.29790-	1	7.85570-	4	4.40000-	2	8.50000-	2	57	2151	694
8.03570+	1	3.50000+	0	1.74840-	1	8.38510-	4	4.00000-	2	1.34000-	1	57	2151	695
8.14340+	1	3.50000+	0	1.32040-	1	1.04330-	3	4.10000-	2	9.00000-	2	57	2151	696
8.35900+	1	3.50000+	0	1.18270-	1	1.17030-	3	4.80000-	2	6.91000-	2	57	2151	697
8.68800+	1	3.50000+	0	8.01200-	2	7.19580-	4	5.20000-	2	2.74000-	2	57	2151	698
8.20000+	1	2.50000+	4		2		2		0		0	57	2151	699
3.50000+	0	9.26000-	1		0		0		2		0	57	2151	700
2.33025+	2	0.00000+	0		0		0		2		0	57	2151	701
3.00000+	0	0.00000+	0		5		0		276		45	57	2151	702
0.00000+	0	0.00000+	0	0.00000+	0	1.00000+	0	.00000+	0	2.00000+	0	57	2151	703
8.20000+	1	1.00000+	0	0.00000+	0	8.17530-	5	3.50000-	2	2.91330-	1	57	2151	704
1.15690+	2	1.00000+	0	0.00000+	0	9.04720-	5	3.50000-	2	2.46650-	1	57	2151	705
1.48550+	2	1.00000+	0	0.00000+	0	1.04860-	4	3.50000-	2	2.17660-	1	57	2151	706
1.90740+	2	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	2.65930-	1	57	2151	707
2.45000+	2	1.00000+	0	0.00000+	0	1.29540-	4	3.50000-	2	3.77740-	1	57	2151	708
3.00000+	2	1.00000+	0	0.00000+	0	9.14150-	5	3.50000-	2	3.69340-	1	57	2151	709
3.50000+	2	1.00000+	0	0.00000+	0	8.84200-	5	3.50000-	2	3.72590-	1	57	2151	710
4.00000+	2	1.00000+	0	0.00000+	0	8.62740-	5	3.50000-	2	3.84620-	1	57	2151	711
4.50000+	2	1.00000+	0	0.00000+	0	1.00830-	4	3.50000-	2	4.34170-	1	57	2151	712
5.00000+	2	1.00000+	0	0.00000+	0	1.15470-	4	3.50000-	2	4.98090-	1	57	2151	713
5.60000+	2	1.00000+	0	0.00000+	0	1.25690-	4	3.50000-	2	4.54840-	1	57	2151	714
6.20000+	2	1.00000+	0	0.00000+	0	1.03100-	4	3.50000-	2	4.01020-	1	57	2151	715
7.50000+	2	1.00000+	0	0.00000+	0	1.16040-	4	3.50000-	2	3.04410-	1	57	2151	716
8.00000+	2	1.00000+	0	0.00000+	0	1.16140-	4	3.50000-	2	2.76200-	1	57	2151	717
8.30000+	2	1.00000+	0	0.00000+	0	9.53460-	5	3.50000-	2	2.69220-	1	57	2151	718
9.00000+	2	1.00000+	0	0.00000+	0	8.99050-	5	3.50000-	2	2.59930-	1	57	2151	719
1.00000+	3	1.00000+	0	0.00000+	0	9.51740-	5	3.50000-	2	2.59890-	1	57	2151	720
1.10000+	3	1.00000+	0	0.00000+	0	1.12500-	4	3.50000-	2	2.57310-	1	57	2151	721
1.50000+	3	1.00000+	0	0.00000+	0	1.07790-	4	3.50000-	2	3.60240-	1	57	2151	722
1.80000+	3	1.00000+	0	0.00000+	0	1.03860-	4	3.50000-	2	3.76870-	1	57	2151	723
2.00000+	3	1.00000+	0	0.00000+	0	9.78640-	5	3.50000-	2	4.02950-	1	57	2151	724
2.50000+	3	1.00000+	0	0.00000+	0	9.45530-	5	3.50000-	2	4.47930-	1	57	2151	725
3.00000+	3	1.00000+	0	0.00000+	0	9.51920-	5	3.50000-	2	4.46260-	1	57	2151	726

3.50000+	3	1.00000+	0	0.00000+	0	1.00200-	4	3.50000-	2	4.40010-	1	57	2151	727
3.80000+	3	1.00000+	0	0.00000+	0	1.02680-	4	3.50000-	2	4.37220-	1	57	2151	728
4.50000+	3	1.00000+	0	0.00000+	0	1.00890-	4	3.50000-	2	4.38040-	1	57	2151	729
5.00000+	3	1.00000+	0	0.00000+	0	9.80850-	5	3.50000-	2	4.40430-	1	57	2151	730
5.50000+	3	1.00000+	0	0.00000+	0	9.89720-	5	3.50000-	2	4.40260-	1	57	2151	731
6.00000+	3	1.00000+	0	0.00000+	0	9.81780-	5	3.50000-	2	4.42000-	1	57	2151	732
6.50000+	3	1.00000+	0	0.00000+	0	9.22250-	5	3.50000-	2	4.49780-	1	57	2151	733
7.00000+	3	1.00000+	0	0.00000+	0	9.09230-	5	3.50000-	2	4.52910-	1	57	2151	734
7.50000+	3	1.00000+	0	0.00000+	0	9.35380-	5	3.50000-	2	4.51210-	1	57	2151	735
8.00000+	3	1.00000+	0	0.00000+	0	9.21280-	5	3.50000-	2	4.54680-	1	57	2151	736
8.50000+	3	1.00000+	0	0.00000+	0	8.62190-	5	3.50000-	2	4.58710-	1	57	2151	737
9.00000+	3	1.00000+	0	0.00000+	0	8.78260-	5	3.50000-	2	4.51870-	1	57	2151	738
9.50000+	3	1.00000+	0	0.00000+	0	1.07120-	4	3.50000-	2	4.20760-	1	57	2151	739
1.00000+	4	1.00000+	0	0.00000+	0	9.98300-	5	3.50000-	2	4.25530-	1	57	2151	740
1.25000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	4.20000-	1	57	2151	741
1.50000+	4	1.00000+	0	0.00000+	0	1.12800-	4	3.50000-	2	3.99000-	1	57	2151	742
1.65000+	4	1.00000+	0	0.00000+	0	8.97000-	5	3.50000-	2	4.30000-	1	57	2151	743
1.85000+	4	1.00000+	0	0.00000+	0	1.08900-	4	3.50000-	2	4.02000-	1	57	2151	744
2.05000+	4	1.00000+	0	0.00000+	0	8.06000-	5	3.50000-	2	4.47000-	1	57	2151	745
2.20000+	4	1.00000+	0	0.00000+	0	1.12400-	4	3.50000-	2	3.93000-	1	57	2151	746
2.35000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	4.16000-	1	57	2151	747
2.50000+	4	1.00000+	0	0.00000+	0	9.85000-	5	3.50000-	2	4.21000-	1	57	2151	748
4.00000+	0	0.00000+	0		5		0		276		45	57	2151	749
0.00000+	0	0.00000+	0	0.00000+	0	1.00000+	0	.00000+	0	1.00000+	0	57	2151	750
8.20000+	1	1.00000+	0	0.00000+	0	8.17530-	5	3.50000-	2	1.45670-	1	57	2151	751
1.15690+	2	1.00000+	0	0.00000+	0	9.04720-	5	3.50000-	2	1.23330-	1	57	2151	752
1.48550+	2	1.00000+	0	0.00000+	0	1.04860-	4	3.50000-	2	1.08830-	1	57	2151	753
1.90740+	2	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	1.32970-	1	57	2151	754
2.45000+	2	1.00000+	0	0.00000+	0	1.29540-	4	3.50000-	2	1.88870-	1	57	2151	755
3.00000+	2	1.00000+	0	0.00000+	0	9.14150-	5	3.50000-	2	1.84670-	1	57	2151	756
3.50000+	2	1.00000+	0	0.00000+	0	8.84200-	5	3.50000-	2	1.86300-	1	57	2151	757
4.00000+	2	1.00000+	0	0.00000+	0	8.62740-	5	3.50000-	2	1.92310-	1	57	2151	758
4.50000+	2	1.00000+	0	0.00000+	0	1.00830-	4	3.50000-	2	2.17090-	1	57	2151	759
5.00000+	2	1.00000+	0	0.00000+	0	1.15470-	4	3.50000-	2	2.49040-	1	57	2151	760
5.60000+	2	1.00000+	0	0.00000+	0	1.25690-	4	3.50000-	2	2.27420-	1	57	2151	761
6.20000+	2	1.00000+	0	0.00000+	0	1.03100-	4	3.50000-	2	2.00510-	1	57	2151	762
7.50000+	2	1.00000+	0	0.00000+	0	1.16040-	4	3.50000-	2	1.52210-	1	57	2151	763
8.00000+	2	1.00000+	0	0.00000+	0	1.16140-	4	3.50000-	2	1.38100-	1	57	2151	764
8.30000+	2	1.00000+	0	0.00000+	0	9.53460-	5	3.50000-	2	1.34610-	1	57	2151	765
9.00000+	2	1.00000+	0	0.00000+	0	8.99050-	5	3.50000-	2	1.29960-	1	57	2151	766
1.00000+	3	1.00000+	0	0.00000+	0	9.51740-	5	3.50000-	2	1.29940-	1	57	2151	767
1.10000+	3	1.00000+	0	0.00000+	0	1.12500-	4	3.50000-	2	1.28660-	1	57	2151	768
1.50000+	3	1.00000+	0	0.00000+	0	1.07790-	4	3.50000-	2	1.80120-	1	57	2151	769
1.80000+	3	1.00000+	0	0.00000+	0	1.03860-	4	3.50000-	2	1.88430-	1	57	2151	770
2.00000+	3	1.00000+	0	0.00000+	0	9.78640-	5	3.50000-	2	2.01480-	1	57	2151	771
2.50000+	3	1.00000+	0	0.00000+	0	9.45530-	5	3.50000-	2	2.23960-	1	57	2151	772
3.00000+	3	1.00000+	0	0.00000+	0	9.51920-	5	3.50000-	2	2.23130-	1	57	2151	773
3.50000+	3	1.00000+	0	0.00000+	0	1.00200-	4	3.50000-	2	2.20010-	1	57	2151	774
3.80000+	3	1.00000+	0	0.00000+	0	1.02680-	4	3.50000-	2	2.18610-	1	57	2151	775
4.50000+	3	1.00000+	0	0.00000+	0	1.00890-	4	3.50000-	2	2.19020-	1	57	2151	776
5.00000+	3	1.00000+	0	0.00000+	0	9.80850-	5	3.50000-	2	2.20210-	1	57	2151	777
5.50000+	3	1.00000+	0	0.00000+	0	9.89720-	5	3.50000-	2	2.20130-	1	57	2151	778
6.00000+	3	1.00000+	0	0.00000+	0	9.81780-	5	3.50000-	2	2.21000-	1	57	2151	779
6.50000+	3	1.00000+	0	0.00000+	0	9.22250-	5	3.50000-	2	2.24890-	1	57	2151	780
7.00000+	3	1.00000+	0	0.00000+	0	9.09230-	5	3.50000-	2	2.26460-	1	57	2151	781
7.50000+	3	1.00000+	0	0.00000+	0	9.35380-	5	3.50000-	2	2.25600-	1	57	2151	782
8.00000+	3	1.00000+	0	0.00000+	0	9.21280-	5	3.50000-	2	2.27340-	1	57	2151	783
8.50000+	3	1.00000+	0	0.00000+	0	8.62190-	5	3.50000-	2	2.29360-	1	57	2151	784
9.00000+	3	1.00000+	0	0.00000+	0	8.78260-	5	3.50000-	2	2.25930-	1	57	2151	785
9.50000+	3	1.00000+	0	0.00000+	0	1.07120-	4	3.50000-	2	2.10380-	1	57	2151	786
1.00000+	4	1.00000+	0	0.00000+	0	9.98300-	5	3.50000-	2	2.12760-	1	57	2151	787
1.25000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	2.10000-	1	57	2151	788
1.50000+	4	1.00000+	0	0.00000+	0	1.12800-	4	3.50000-	2	2.00000-	1	57	2151	789
1.65000+	4	1.00000+	0	0.00000+	0	8.97000-	5	3.50000-	2	2.15000-	1	57	2151	790
1.85000+	4	1.00000+	0	0.00000+	0	1.08900-	4	3.50000-	2	2.01000-	1	57	2151	791
2.05000+	4	1.00000+	0	0.00000+	0	8.06000-	5	3.50000-	2	2.23000-	1	57	2151	792
2.20000+	4	1.00000+	0	0.00000+	0	1.12400-	4	3.50000-	2	1.97000-	1	57	2151	793
2.35000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	2.08000-	1	57	2151	794
2.50000+	4	1.00000+	0	0.00000+	0	9.85000-	5	3.50000-	2	2.10000-	1	57	2151	795
2.33020+	2	0.00000+	0		1		0		4		0	57	2151	796
2.00000+	0	0.00000+	0		5		0		276		45	57	2151	797

0.00000+	0	0.00000+	0	0.00000+	0	1.00000+	0	0.00000+	0	2.00000+	0	57	2151	798
8.20000+	1	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	799
1.15690+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	800
1.48550+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	801
1.90740+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	802
2.45000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	803
3.00000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	804
3.50000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	805
4.00000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	806
4.50000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	807
5.00000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	808
5.60000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	809
6.20000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	810
7.50000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	811
8.00000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	812
8.30000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	813
9.00000+	2	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	814
1.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	815
1.10000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	816
1.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	817
1.80000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	818
2.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	819
2.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	820
3.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	821
3.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	822
3.80000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	823
4.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	824
5.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	825
5.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	826
6.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	827
6.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	828
7.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	829
7.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	830
8.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	831
8.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	832
9.00000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	833
9.50000+	3	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	834
1.00000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	835
1.25000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	836
1.50000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	837
1.65000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	838
1.85000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	839
2.05000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	840
2.20000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	841
2.35000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	842
2.50000+	4	1.16000+	0	0.00000+	0	2.32000-	4	3.50000-	2	3.32000-	1	57	2151	843
3.00000+	0	0.00000+	0		5		0		276		45	57	2151	844
0.00000+	0	0.00000+	0	0.00000+	0	2.00000+	0	0.00000+	0	1.00000+	0	57	2151	845
8.20000+	1	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	846
1.15690+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	847
1.48550+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	848
1.90740+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	849
2.45000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	850
3.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	851
3.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	852
4.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	853
4.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	854
5.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	855
5.60000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	856
6.20000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	857
7.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	858
8.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	859
8.30000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	860
9.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	861
1.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	862
1.10000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	863
1.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	864
1.80000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	865
2.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	866
2.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	867
3.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	868
3.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	869

3.80000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	870
4.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	871
5.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	872
5.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	873
6.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	874
6.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	875
7.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	876
7.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	877
8.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	878
8.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	879
9.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	880
9.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	881
1.00000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	882
1.25000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	883
1.50000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	884
1.65000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	885
1.85000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	886
2.05000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	887
2.20000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	888
2.35000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	889
2.50000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	1.27000-	1	57	2151	890
4.00000+	0	0.00000+	0		5		0		276		45	57	2151	891
0.00000+	0	0.00000+	0	0.00000+	0	2.00000+	0	.00000+	0	2.00000+	0	57	2151	892
8.20000+	1	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	893
1.15690+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	894
1.48550+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	895
1.90740+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	896
2.45000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	897
3.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	898
3.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	899
4.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	900
4.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	901
5.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	902
5.60000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	903
6.20000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	904
7.50000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	905
8.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	906
8.30000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	907
9.00000+	2	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	908
1.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	909
1.10000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	910
1.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	911
1.80000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	912
2.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	913
2.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	914
3.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	915
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3.80000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	917
4.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	918
5.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	919
5.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	920
6.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	921
6.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	922
7.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	923
7.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	924
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9.00000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	927
9.50000+	3	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	928
1.00000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	929
1.25000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	930
1.50000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	931
1.65000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	932
1.85000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	933
2.05000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	934
2.20000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	935
2.35000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	936
2.50000+	4	1.00000+	0	0.00000+	0	2.00000-	4	3.50000-	2	2.86000-	1	57	2151	937
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8.20000+	1	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	940

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2.50000+ 4 1.12000+ 0 0.00000+ 0 2.24000- 4 3.50000- 2 1.43000- 1  57 2151  984
                                                                   57 2  0  985
                                                                   57 0  0  986
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0.00000+ 0 0.00000+ 0          0           0          3       1098  57 3  1  988
     239           5        784           2       1098          3  57 3  1  989
1.00000- 5 3.65030+ 4 2.12500- 5 2.50360+ 4 4.09380- 5 1.80360+ 4  57 3  1  990
7.04690- 5 1.37460+ 4 1.00000- 4 1.15400+ 4 1.50000- 4 9.42300+ 3  57 3  1  991
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5.00000- 4 5.16500+ 3 6.25000- 4 4.62090+ 3 8.12500- 4 4.05410+ 3  57 3  1  993
1.00000- 3 3.65550+ 3 1.25000- 3 3.26660+ 3 1.43750- 3 3.04450+ 3  57 3  1  994
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3.50000- 3 1.94590+ 3 4.00000- 3 1.81970+ 3 4.50000- 3 1.71530+ 3  57 3  1  997
5.00000- 3 1.62700+ 3 5.50000- 3 1.54920+ 3 6.00000- 3 1.48160+ 3  57 3  1  998
6.00000- 3 1.48160+ 3 7.00000- 3 1.36890+ 3 8.00000- 3 1.27840+ 3  57 3  1  999
9.00000- 3 1.20350+ 3 9.00000- 3 1.20350+ 3 1.00000- 2 1.14040+ 3  57 3  1 1000
1.10000- 2 1.08450+ 3 1.20000- 2 1.03590+ 3 1.30000- 2 9.93160+ 2  57 3  1 1001
1.40000- 2 9.55190+ 2 1.50000- 2 9.21160+ 2 1.60000- 2 8.89780+ 2  57 3  1 1002
1.70000- 2 8.61310+ 2 1.80000- 2 8.35300+ 2 1.90000- 2 8.11450+ 2  57 3  1 1003
2.00000- 2 7.89450+ 2 2.10000- 2 7.68660+ 2 2.20000- 2 7.49350+ 2  57 3  1 1004
2.30000- 2 7.31370+ 2 2.40000- 2 7.14560+ 2 2.50000- 2 6.98810+ 2  57 3  1 1005
2.53000- 2 6.94280+ 2 2.60000- 2 6.83820+ 2 2.70000- 2 6.69620+ 2  57 3  1 1006
2.80000- 2 6.56220+ 2 2.90000- 2 6.43560+ 2 3.00000- 2 6.31560+ 2  57 3  1 1007
3.10000- 2 6.19980+ 2 3.20000- 2 6.08980+ 2 3.30000- 2 5.98500+ 2  57 3  1 1008
3.40000- 2 5.88520+ 2 3.50000- 2 5.78990+ 2 3.60000- 2 5.69730+ 2  57 3  1 1009
3.70000- 2 5.60870+ 2 3.80000- 2 5.52370+ 2 3.90000- 2 5.44220+ 2  57 3  1 1010
4.00000- 2 5.36400+ 2 4.10000- 2 5.28790+ 2 4.20000- 2 5.21460+ 2  57 3  1 1011
```

4.30000-	2	5.14400+	2	4.40000-	2	5.07600+	2	4.50000-	2	5.01050+	2	57	3	1	1012
4.60000-	2	4.94610+	2	4.70000-	2	4.88400+	2	4.80000-	2	4.82390+	2	57	3	1	1013
4.90000-	2	4.76570+	2	5.00000-	2	4.70950+	2	5.10000-	2	4.65430+	2	57	3	1	1014
5.20000-	2	4.60080+	2	5.30000-	2	4.54890+	2	5.40000-	2	4.49860+	2	57	3	1	1015
5.50000-	2	4.44980+	2	5.60000-	2	4.40180+	2	5.70000-	2	4.35520+	2	57	3	1	1016
5.80000-	2	4.30990+	2	5.90000-	2	4.26580+	2	6.00000-	2	4.22290+	2	57	3	1	1017
6.10000-	2	4.18080+	2	6.20000-	2	4.13990+	2	6.30000-	2	4.09990+	2	57	3	1	1018
6.40000-	2	4.06100+	2	6.50000-	2	4.02300+	2	6.60000-	2	3.98570+	2	57	3	1	1019
6.70000-	2	3.94940+	2	6.80000-	2	3.91380+	2	6.90000-	2	3.87920+	2	57	3	1	1020
7.00000-	2	3.84530+	2	7.10000-	2	3.81210+	2	7.20000-	2	3.77970+	2	57	3	1	1021
7.30000-	2	3.74790+	2	7.40000-	2	3.71690+	2	7.50000-	2	3.68650+	2	57	3	1	1022
7.60000-	2	3.65760+	2	7.70000-	2	3.62930+	2	7.80000-	2	3.60150+	2	57	3	1	1023
7.90000-	2	3.57430+	2	8.00000-	2	3.54760+	2	8.10000-	2	3.52120+	2	57	3	1	1024
8.20000-	2	3.49530+	2	8.30000-	2	3.46980+	2	8.40000-	2	3.44490+	2	57	3	1	1025
8.50000-	2	3.42040+	2	8.60000-	2	3.39650+	2	8.70000-	2	3.37310+	2	57	3	1	1026
8.80000-	2	3.35000+	2	8.90000-	2	3.32740+	2	9.00000-	2	3.30520+	2	57	3	1	1027
9.10000-	2	3.28360+	2	9.20000-	2	3.26240+	2	9.30000-	2	3.24150+	2	57	3	1	1028
9.40000-	2	3.22100+	2	9.50000-	2	3.20080+	2	9.60000-	2	3.18150+	2	57	3	1	1029
9.70000-	2	3.16250+	2	9.80000-	2	3.14370+	2	9.90000-	2	3.12530+	2	57	3	1	1030
1.00000-	1	3.10720+	2	1.05000-	1	3.02090+	2	1.10000-	1	2.94100+	2	57	3	1	1031
1.15000-	1	2.86670+	2	1.20000-	1	2.79750+	2	1.25000-	1	2.73380+	2	57	3	1	1032
1.30000-	1	2.67400+	2	1.40000-	1	2.57010+	2	1.45000-	1	2.53030+	2	57	3	1	1033
1.50000-	1	2.49250+	2	1.55000-	1	2.45880+	2	1.60000-	1	2.42670+	2	57	3	1	1034
1.70000-	1	2.37310+	2	1.80000-	1	2.33120+	2	1.85840-	1	2.32420+	2	57	3	1	1035
1.90210-	1	2.31920+	2	1.96780-	1	2.31200+	2	2.03340-	1	2.30520+	2	57	3	1	1036
2.03340-	1	2.30520+	2	2.08340-	1	2.31360+	2	2.15840-	1	2.32590+	2	57	3	1	1037
2.23340-	1	2.33810+	2	2.43340-	1	2.41990+	2	2.53340-	1	2.46870+	2	57	3	1	1038
2.63340-	1	2.51670+	2	2.83340-	1	2.57860+	2	2.93340-	1	2.54230+	2	57	3	1	1039
3.03340-	1	2.50770+	2	3.08340-	1	2.44420+	2	3.12090-	1	2.39840+	2	57	3	1	1040
3.15840-	1	2.35400+	2	3.19590-	1	2.31100+	2	3.23340-	1	2.26940+	2	57	3	1	1041
3.28340-	1	2.19530+	2	3.32090-	1	2.14220+	2	3.34900-	1	2.10380+	2	57	3	1	1042
3.37710-	1	2.06630+	2	3.40530-	1	2.03000+	2	3.43340-	1	1.99460+	2	57	3	1	1043
3.45840-	1	1.96670+	2	3.50210-	1	1.91950+	2	3.53500-	1	1.88530+	2	57	3	1	1044
3.58420-	1	1.83590+	2	3.63340-	1	1.78870+	2	3.65840-	1	1.76390+	2	57	3	1	1045
3.68030-	1	1.74280+	2	3.71860-	1	1.70680+	2	3.74730-	1	1.68070+	2	57	3	1	1046
3.76880-	1	1.66150+	2	3.80110-	1	1.63350+	2	3.83340-	1	1.60630+	2	57	3	1	1047
3.85840-	1	1.58670+	2	3.90220-	1	1.55330+	2	3.93500-	1	1.52910+	2	57	3	1	1048
3.98420-	1	1.49400+	2	4.03340-	1	1.46030+	2	4.06440-	1	1.44080+	2	57	3	1	1049
4.11860-	1	1.40770+	2	4.15920-	1	1.38380+	2	4.18970-	1	1.36630+	2	57	3	1	1050
4.23550-	1	1.34080+	2	4.28120-	1	1.31610+	2	4.32720-	1	1.29530+	2	57	3	1	1051
4.37320-	1	1.27500+	2	4.44220-	1	1.24560+	2	4.49400-	1	1.22440+	2	57	3	1	1052
4.54570-	1	1.20380+	2	4.59750-	1	1.18390+	2	4.64920-	1	1.16450+	2	57	3	1	1053
4.74920-	1	1.13360+	2	4.82420-	1	1.11150+	2	4.89920-	1	1.09020+	2	57	3	1	1054
4.97420-	1	1.06960+	2	5.04920-	1	1.04980+	2	5.04920-	1	1.04980+	2	57	3	1	1055
5.14920-	1	1.02700+	2	5.22420-	1	1.01060+	2	5.29920-	1	9.94650+	1	57	3	1	1056
5.37420-	1	9.79250+	1	5.44920-	1	9.64310+	1	5.44920-	1	9.64310+	1	57	3	1	1057
5.54920-	1	9.47230+	1	5.64920-	1	9.30770+	1	5.74920-	1	9.14950+	1	57	3	1	1058
5.84920-	1	8.99690+	1	5.84920-	1	8.99690+	1	5.94920-	1	8.87030+	1	57	3	1	1059
6.04920-	1	8.74770+	1	6.24920-	1	8.51420+	1	6.24920-	1	8.51420+	1	57	3	1	1060
6.44920-	1	8.32340+	1	6.64920-	1	8.14290+	1	6.64920-	1	8.14290+	1	57	3	1	1061
6.84920-	1	7.99240+	1	7.04920-	1	7.84920+	1	7.04920-	1	7.84920+	1	57	3	1	1062
7.44920-	1	7.62500+	1	7.44920-	1	7.62500+	1	7.84920-	1	7.47820+	1	57	3	1	1063
8.24920-	1	7.41890+	1	8.44920-	1	7.44580+	1	8.64920-	1	7.47230+	1	57	3	1	1064
8.84920-	1	7.57420+	1	9.04920-	1	7.67590+	1	9.14920-	1	7.76880+	1	57	3	1	1065
9.29920-	1	7.90920+	1	9.44920-	1	8.05070+	1	9.49920-	1	8.12230+	1	57	3	1	1066
9.58670-	1	8.24900+	1	9.65230-	1	8.34520+	1	9.70150-	1	8.41800+	1	57	3	1	1067
9.77540-	1	8.52810+	1	9.84920-	1	8.63960+	1	9.88690-	1	8.73150+	1	57	3	1	1068
9.94340-	1	8.87130+	1	1.00000+	0	9.01320+	1	1.00000+	0	9.63800+	0	57	3	1	1069
1.03600+	0	8.75630+	0	1.05500+	0	8.63550+	0	1.07300+	0	7.85700+	0	57	3	1	1070
1.09100+	0	6.51610+	0	1.18200+	0	-1.91280+	1	1.20000+	0	-2.30500+	1	57	3	1	1071
1.21800+	0	-2.44460+	1	1.23600+	0	-2.44660+	1	1.32700+	0	-1.46840+	1	57	3	1	1072
1.36400+	0	-1.28190+	1	1.45500+	0	-8.88020+	0	1.54500+	0	-6.70980+	0	57	3	1	1073
1.63600+	0	-5.25670+	0	1.72700+	0	-4.15820+	0	1.81800+	0	-3.42100+	0	57	3	1	1074
1.90900+	0	-2.66550+	0	2.00000+	0	-2.56000+	0	2.18200+	0	-1.91980+	0	57	3	1	1075
2.36400+	0	-2.15200+	0	2.45500+	0	-1.47840+	0	2.54500+	0	-2.15980+	0	57	3	1	1076
2.63600+	0	-3.90200+	0	2.69100+	0	-3.16510+	0	2.74500+	0	-2.25700+	0	57	3	1	1077
2.80000+	0	1.21000+	0	2.81800+	0	1.56920+	0	2.85500+	0	5.25700-	1	57	3	1	1078
2.92700+	0	-9.24500-	1	2.94500+	0	-9.74500-	1	3.01800+	0	3.17640+	0	57	3	1	1079
3.07200+	0	3.35410+	0	3.18200+	0	-3.67790+	0	3.21800+	0	-3.45340+	0	57	3	1	1080
3.27300+	0	-1.79080+	0	3.36400+	0	1.76150+	0	3.45500+	0	6.18410+	0	57	3	1	1081
3.49100+	0	6.84080+	0	3.54500+	0	6.69830+	0	3.58200+	0	3.70000-	3	57	3	1	1082

3.63600+	0-4.65000-	2	3.69100+	0-4.41050+	0	3.72700+	0-7.75150+	0	57	3	1 1083
3.81800+	0-6.80030+	0	3.90900+	0-5.71080+	0	4.00000+	0-4.72610+	0	57	3	1 1084
4.09100+	0-4.00010+	0	4.18200+	0-3.41310+	0	4.36400+	0-2.51660+	0	57	3	1 1085
4.54500+	0-2.31230+	0	4.63600+	0-7.81800-	1	4.72700+	0 2.08940+	0	57	3	1 1086
4.78200+	0 1.06640+	0	4.80000+	0 8.40000-	1	4.83600+	0 8.79100-	1	57	3	1 1087
4.85500+	0-4.25620+	0	4.89100+	0-8.02670+	0	4.90900+	0-4.35440+	0	57	3	1 1088
4.94500+	0-3.04460+	0	4.98100+	0-2.58920+	0	5.09100+	0-2.49940+	0	57	3	1 1089
5.14500+	0-2.54320+	0	5.18200+	0-2.15800+	0	5.27300+	0-1.03410+	0	57	3	1 1090
5.30900+	0-6.40400-	1	5.54500+	0-6.30000-	1	5.65500+	0-1.73700+	0	57	3	1 1091
5.72700+	0-1.45710+	0	5.81800+	0-1.47600-	1	5.90900+	0 1.45390+	0	57	3	1 1092
6.00000+	0 2.78000+	0	6.09100+	0 2.73820+	0	6.16400+	0 3.52140+	0	57	3	1 1093
6.21800+	0 1.80570+	0	6.25500+	0-1.34490+	0	6.29100+	0 2.92800-	1	57	3	1 1094
6.41800+	0-3.83200-	1	6.45500+	0-3.[illegible]48[illegible]+	0	6.49100+	0-3.30610+	0	57	3	1 1095
6.54500+	0-2.52730+	0	6.63600+	0-4.[illegible]1740+	0	6.72700+	0-3.99910+	0	57	3	1 1096
6.81800+	0-2.38160+	0	6.98200+	0 2.86000-	2	7.18200+	0-2.72000-	1	57	3	1 1097
7.29100+	0-3.83510+	0	7.81800+	0-3.98330+	0	8.00000+	0-2.24000+	0	57	3	1 1098
8.18100+	0-1.52000+	0	8.36300+	0 2.14300-	1	8.45300+	0 6.21900-	1	57	3	1 1099
8.92500+	0 2.73600-	1	9.01500+	0 2.52070+	1	9.05200+	0 2.87580+	1	57	3	1 1100
9.10600+	0 2.88180+	1	9.17900+	0 1.39580+	1	9.23300+	0 1.75720+	0	57	3	1 1101
9.30600+	0-1.56170+	0	9.36000+	0-2.39000+	0	9.43200+	0 7.61860+	0	57	3	1 1102
9.45100+	0 9.37780+	0	9.50500+	0 9.01430+	0	9.54100+	0 7.96090+	0	57	3	1 1103
9.70400+	0-1.08300-	1	9.75900+	0-2.21040+	0	9.99500+	0-2.31540+	0	57	3	1 1104
1.00850+	1-1.46230+	0	1.01760+	1-2.11800+	0	1.02670+	1-2.31740+	0	57	3	1 1105
1.03390+	1 1.20980+	0	1.04300+	1 1.98550+	0	1.06290+	1-5.84900-	1	57	3	1 1106
1.07200+	1-2.40000-	1	1.08110+	1 2.64400-	1	1.09370+	1-1.02000-	2	57	3	1 1107
1.09920+	1 7.53400-	1	1.12640+	1 4.51810+	0	1.14090+	1 5.55940+	0	57	3	1 1108
1.14450+	1 5.92910+	0	1.14810+	1 5.85310+	0	1.15540+	1 6.38500-	1	57	3	1 1109
1.18620+	1-6.35000-	1	1.18980+	1 2.95560+	0	1.20000+	1 7.02000+	0	57	3	1 1110
1.20910+	1 1.11890+	1	1.21450+	1 1.52010+	1	1.22000+	1 1.36300+	1	57	3	1 1111
1.23500+	1 2.20000-	1	1.24910+	1 1.28600-	1	1.25440+	1-4.22500-	1	57	3	1 1112
1.40850+	1 3.42500-	1	1.42670+	1 2.93350+	0	1.43570+	1 5.69300+	0	57	3	1 1113
1.44120+	1 5.63190+	0	1.44480+	1 4.58860+	0	1.46110+	1-5.27130+	0	57	3	1 1114
1.46470+	1-4.74250+	0	1.47370+	1-2.69040+	0	1.49010+	1 3.59700-	1	57	3	1 1115
1.50000+	1-1.99900-	1	1.50910+	1 5.24300-	1	1.51820+	1 5.71900-	1	57	3	1 1116
1.52730+	1-2.58000-	2	1.53640+	1 3.46200-	1	1.54550+	1 2.30000-	2	57	3	1 1117
1.55450+	1-1.66020+	0	1.56360+	1-1.66150+	0	1.57270+	1-1.85900-	1	57	3	1 1118
1.58180+	1 9.29200-	1	1.59090+	1 8.92300-	1	1.60000+	1 2.70000-	1	57	3	1 1119
1.60910+	1 4.00800-	1	1.61820+	1-3.23600-	1	1.62730+	1-2.44360+	0	57	3	1 1120
1.63640+	1-4.15600+	0	1.64360+	1-4.05630+	0	1.64910+	1-4.32370+	0	57	3	1 1121
1.65450+	1-4.18320+	0	1.66360+	1 3.37600-	1	1.67270+	1 1.42000-	1	57	3	1 1122
1.68180+	1 1.27330+	0	1.69090+	1 3.70940+	0	1.69450+	1 4.06730+	0	57	3	1 1123
1.70000+	1 3.36000+	0	1.70910+	1 3.02610+	0	1.71810+	1 1.95990+	0	57	3	1 1124
1.72730+	1 1.28500+	0	1.73640+	1 5.98800-	1	1.74550+	1 6.44800-	1	57	3	1 1125
1.75450+	1-1.52000-	2	1.76360+	1 5.78000-	2	1.77270+	1-2.00100-	1	57	3	1 1126
1.78180+	1-6.64100-	1	1.79090+	1-7.46000-	2	1.80910+	1 5.63600-	1	57	3	1 1127
1.81820+	1 1.80000-	3	1.82730+	1-1.60400-	1	1.83640+	1 3.42980+	0	57	3	1 1128
1.84550+	1 4.56460+	0	1.85450+	1 4.65460+	0	1.86360+	1 4.43210+	0	57	3	1 1129
1.87270+	1 2.82750+	0	1.88180+	1 2.07030+	0	1.89090+	1 2.18330+	0	57	3	1 1130
1.90000+	1 4.50000-	1	1.93810+	1 3.55680+	0	1.94360+	1 3.42200+	0	57	3	1 1131
1.94550+	1 7.17320+	0	1.94910+	1 1.38090+	1	1.95090+	1 1.65330+	1	57	3	1 1132
1.95270+	1 1.74550+	1	1.95450+	1 1.64080+	1	1.96180+	1 1.10290+	1	57	3	1 1133
1.96720+	1 8.42540+	0	1.97270+	1 6.42320+	0	1.98180+	1 4.36820+	0	57	3	1 1134
1.99090+	1 2.67840+	0	2.00000+	1 7.20000-	1	2.00910+	1-2.39100-	1	57	3	1 1135
2.02730+	1-1.02960+	0	2.03640+	1-1.10080+	0	2.04550+	1-3.17900+	0	57	3	1 1136
2.05450+	1-7.16670+	0	2.05820+	1-7.02610+	0	2.06360+	1-3.60400+	0	57	3	1 1137
2.06730+	1-9.70500-	1	2.07270+	1 3.84050+	0	2.07640+	1 5.94690+	0	57	3	1 1138
2.08180+	1 7.73990+	0	2.09090+	1 7.42070+	0	2.10000+	1 2.97000+	0	57	3	1 1139
2.10360+	1-1.62010+	0	2.10910+	1-7.07540+	0	2.11270+	1-1.46610+	1	57	3	1 1140
2.11820+	1-1.73900+	1	2.12180+	1-1.56290+	1	2.12640+	1-8.69740+	0	57	3	1 1141
2.13640+	1-3.87230+	0	2.14000+	1-3.96000+	0	2.14550+	1-3.66730+	0	57	3	1 1142
2.15450+	1-4.18000+	0	2.17270+	1-4.44070+	0	2.19090+	1-3.46800+	0	57	3	1 1143
2.20910+	1-2.69200+	0	2.22730+	1-1.53560+	0	2.24550+	1 7.00000-	2	57	3	1 1144
2.26360+	1 1.62530+	0	2.28180+	1 3.69760+	0	2.30000+	1 1.73000+	0	57	3	1 1145
2.31150+	1 3.93850+	0	2.32300+	1 3.40750+	0	2.34600+	1-1.61000+	0	57	3	1 1146
2.36900+	1-2.22200+	0	2.38740+	1-2.67560+	0	2.40110+	1-7.02020+	0	57	3	1 1147
2.41030+	1-6.58010+	0	2.43790+	1 7.97400-	1	2.46090+	1 7.63840+	0	57	3	1 1148
2.48390+	1 4.46840+	0	2.50690+	1-3.51000-	1	2.51610+	1-4.29000-	1	57	3	1 1149
2.53450+	1 9.61800-	1	2.55290+	1-1.37430+	0	2.55750+	1-1.15850+	0	57	3	1 1150
2.57130+	1-2.43900-	1	2.58510+	1-2.88510+	0	2.60340+	1-9.04990+	0	57	3	1 1151
2.61260+	1-9.60360+	0	2.62180+	1-6.88000+	0	2.64480+	1-1.06230+	0	57	3	1 1152
2.65400+	1-9.80000-	1	2.70000+	1-7.60000-	1	2.71380+	1-3.00300-	1	57	3	1 1153

2.73680+	1-2.46700-	1	2.74140+	1-2.40600-	1	2.75980+	1-2.02300-	1	57	3	1 1154
2.78280+	1-2.80000-	2	2.80570+	1-3.18700-	1	2.82870+	1-4.07400-	1	57	3	1 1155
2.84250+	1-3.04500-	1	2.85170+	1-3.50000-	1	2.87470+	1 1.33000-	1	57	3	1 1156
2.89770+	1 1.13020+	0	2.92070+	1 1.15010+	0	2.94370+	1 3.08100-	1	57	3	1 1157
2.96670+	1-3.43000-	2	2.98970+	1 6.29500-	1	3.00000+	1 4.90000-	1	57	3	1 1158
3.02290+	1 7.99600-	1	3.04570+	1 3.51900-	1	3.06860+	1 2.23100-	1	57	3	1 1159
3.07770+	1 2.16000-	1	3.09140+	1-3.77800-	1	3.09600+	1-4.50000-	1	57	3	1 1160
3.10970+	1-9.73000-	1	3.11430+	1-1.21580+	0	3.13710+	1-9.05200-	1	57	3	1 1161
3.16000+	1 7.20000-	1	3.16910+	1 2.60800-	1	3.18290+	1-2.94600-	1	57	3	1 1162
3.18740+	1-9.88000-	1	3.19660+	1 1.02670+	0	3.20570+	1 5.25500-	1	57	3	1 1163
3.21940+	1-1.93100-	1	3.22860+	1-6.45000-	1	3.25140+	1-2.22890+	0	57	3	1 1164
3.27430+	1-2.39240+	0	3.29710+	1-6.34400-	1	3.32000+	1-5.90000-	1	57	3	1 1165
3.35200+	1 1.82000+	0	3.36110+	1-6.70200-	1	3.37490+	1-8.59900-	1	57	3	1 1166
3.38860+	1-2.26000-	1	3.41140+	1 8.13600-	1	3.43430+	1 2.20710+	0	57	3	1 1167
3.44340+	1-9.08010+	0	3.44800+	1 1.59100+	1	3.45260+	1 2.23260+	1	57	3	1 1168
3.45710+	1 2.61010+	1	3.46170+	1 2.28810+	1	3.46630+	1 1.23990+	1	57	3	1 1169
3.47090+	1 6.43020+	0	3.47540+	1 4.75210+	0	3.48460+	1 1.97820+	0	57	3	1 1170
3.48910+	1 3.37010+	0	3.50290+	1 3.92500-	1	3.52570+	1 1.10360+	1	57	3	1 1171
3.54860+	1-1.80000-	2	3.57140+	1 2.14430+	0	3.59430+	1 3.48900-	1	57	3	1 1172
3.66290+	1-2.70000-	1	3.68570+	1-1.16020+	0	3.70860+	1-1.81000+	0	57	3	1 1173
3.73140+	1-2.63500-	1	3.75430+	1 5.30400-	1	3.77710+	1 7.20000-	1	57	3	1 1174
3.80000+	1 4.60000-	1	3.82290+	1 5.87100-	1	3.84570+	1 4.05800-	1	57	3	1 1175
3.86860+	1-2.91000-	1	3.89140+	1-3.26300-	1	3.91430+	1-3.18900+	0	57	3	1 1176
3.92340+	1-3.19160+	0	3.92800+	1 3.24000+	0	3.93710+	1 4.12280+	0	57	3	1 1177
3.95090+	1 2.15200-	1	3.96000+	1-4.70000-	1	3.96910+	1-5.21000-	1	57	3	1 1178
3.98290+	1-4.48700-	1	3.99660+	1-1.63800-	1	4.01940+	1-1.74800+	0	57	3	1 1179
4.05140+	1 1.87700-	1	4.06970+	1 2.57690+	0	4.07430+	1 3.21510+	0	57	3	1 1180
4.07890+	1 3.33980+	0	4.09710+	1 2.37930+	0	4.12000+	1 1.60000-	1	57	3	1 1181
4.14290+	1 3.10000-	2	4.15660+	1-2.85850+	0	4.16570+	1-1.68580+	0	57	3	1 1182
4.17940+	1-1.16300+	0	4.19770+	1 2.08360+	0	4.21140+	1 1.10140+	0	57	3	1 1183
4.22970+	1-1.34950+	0	4.23890+	1 3.64500-	1	4.25710+	1 8.23900-	1	57	3	1 1184
4.27090+	1-1.24490+	0	4.28000+	1 7.70000-	1	4.28910+	1 3.31450+	0	57	3	1 1185
4.30290+	1-1.55100-	1	4.32110+	1-2.07970+	0	4.33030+	1-2.00710+	0	57	3	1 1186
4.34860+	1-4.05910+	0	4.36690+	1-2.34870+	0	4.38060+	1-1.38340+	0	57	3	1 1187
4.40340+	1 1.66150+	0	4.41710+	1 2.02290+	0	4.44000+	1-4.30000-	1	57	3	1 1188
4.46290+	1 3.58000-	1	4.48570+	1-1.05410+	0	4.50860+	1-4.74000-	1	57	3	1 1189
4.53140+	1-9.43000-	1	4.55430+	1-8.31100-	1	4.57710+	1-1.05450+	0	57	3	1 1190
4.60000+	1-1.32000+	0	4.61810+	1-1.01000+	0	4.63630+	1-4.69900-	1	57	3	1 1191
4.65440+	1 1.20100+	0	4.67260+	1 1.07750+	0	4.72700+	1-4.44400-	1	57	3	1 1192
4.74510+	1 1.35490+	0	4.76330+	1 2.74700+	0	4.77410+	1 3.33170+	0	57	3	1 1193
4.78870+	1 1.17680+	0	4.79590+	1 6.13100-	1	4.80680+	1-3.85690+	0	57	3	1 1194
4.81770+	1-4.21300+	0	4.82860+	1-4.01700-	1	4.83950+	1-2.69500-	1	57	3	1 1195
4.85400+	1 5.35000+	0	4.86120+	1 6.19990+	0	4.86850+	1 5.39640+	0	57	3	1 1196
4.88660+	1-4.66870+	0	4.89340+	1-5.53180+	0	4.90110+	1-4.24920+	0	57	3	1 1197
4.91200+	1 2.40000-	1	4.91930+	1 3.07600-	1	4.93380+	1 3.58300-	1	57	3	1 1198
4.95560+	1 2.99570+	0	4.96640+	1 4.52200+	0	4.97730+	1 4.00760+	0	57	3	1 1199
4.99550+	1 1.07600+	0	5.01720+	1-1.46500-	1	5.18050+	1-1.07160+	0	57	3	1 1200
5.25310+	1-1.27460+	0	5.27120+	1 2.86600-	1	5.32560+	1 1.74800-	1	57	3	1 1201
5.34380+	1 8.96000-	2	5.36190+	1 2.38950+	0	5.38000+	1 2.41000+	0	57	3	1 1202
5.40000+	1 6.50000-	1	5.41810+	1-3.60400-	1	5.43630+	1-4.09600-	1	57	3	1 1203
5.45440+	1-3.49700-	1	5.47260+	1-1.55100-	1	5.49070+	1 5.98400-	1	57	3	1 1204
5.50880+	1 4.56200-	1	5.52700+	1-1.19370+	0	5.54510+	1-1.01860+	0	57	3	1 1205
5.56330+	1-3.39000-	1	5.58140+	1-2.33900-	1	5.59950+	1-2.04820+	0	57	3	1 1206
5.61770+	1 1.79600+	0	5.62860+	1 4.60720+	0	5.63580+	1 8.48300-	1	57	3	1 1207
5.64310+	1-4.26260+	0	5.66490+	1-8.64300-	1	5.67940+	1 5.07910+	0	57	3	1 1208
5.69020+	1 2.15820+	0	5.71200+	1 4.51200-	1	5.72650+	1 7.27000-	2	57	3	1 1209
5.76280+	1-3.38000-	1	5.78100+	1-7.58700-	1	5.79910+	1-3.53160+	0	57	3	1 1210
5.81720+	1-3.12400-	1	5.83170+	1-1.77060+	0	5.83900+	1-1.51880+	0	57	3	1 1211
5.84990+	1-6.12600-	1	5.85710+	1-1.76280+	0	5.86800+	1-2.05000+	0	57	3	1 1212
5.88250+	1-1.77820+	0	5.90070+	1 7.42300-	1	5.91160+	1 1.10400+	0	57	3	1 1213
5.94420+	1 3.38600-	1	5.96240+	1-5.18000-	2	5.98050+	1-3.46900-	1	57	3	1 1214
6.21810+	1-6.11200-	1	6.22900+	1-7.35000-	1	6.25440+	1-6.47800-	1	57	3	1 1215
6.27260+	1-5.16500-	1	6.37410+	1-8.79900-	1	6.39230+	1-9.50000-	1	57	3	1 1216
6.40320+	1-9.49400-	1	6.41410+	1-1.02210+	0	6.42490+	1-1.37500+	0	57	3	1 1217
6.43220+	1-1.38680+	0	6.44310+	1-9.64700-	1	6.45400+	1-7.30000-	1	57	3	1 1218
6.46490+	1-6.40500-	1	6.47210+	1-6.09400-	1	6.49020+	1-5.59700-	1	57	3	1 1219
6.52650+	1-5.10000-	1	6.54470+	1-5.10000-	1	6.56280+	1-5.91300-	1	57	3	1 1220
6.57730+	1-7.47800-	1	6.58820+	1-6.78200-	1	6.59910+	1-5.79000-	1	57	3	1 1221
6.61000+	1-5.50000-	1	6.61720+	1-5.62100-	1	6.63540+	1-8.14500-	1	57	3	1 1222
6.64630+	1-7.55500-	1	6.65710+	1-7.64500-	1	6.68250+	1-5.01800-	1	57	3	1 1223
6.76240+	1-5.20000-	1	6.78050+	1-5.30500-	1	6.81680+	1-5.10600-	1	57	3	1 1224

6.85310+	1-4.54300-	1	6.94000+	1-3.30000-	1	6.96190+	1	2.41040+	0	57	3	1	1225
6.98000+	1 3.50000+	0	7.00000+	1 3.60000+	0	7.01810+	1	-4.43000-	2	57	3	1	1226
7.03630+	1 7.33100-	1	7.05440+	1-2.83260+	0	7.07260+	1	-4.86730+	0	57	3	1	1227
7.09070+	1-3.52780+	0	7.10880+	1-1.67130+	0	7.12700+	1	-6.74400-	1	57	3	1	1228
7.15600+	1-1.00000+	0	7.18140+	1-3.68240+	0	7.19230+	1	-4.62130+	0	57	3	1	1229
7.19950+	1-4.45460+	0	7.20680+	1-4.00650+	0	7.21040+	1	-2.59890+	0	57	3	1	1230
7.21770+	1-4.92100-	1	7.23220+	1-5.99100-	1	7.25030+	1	-5.78000-	1	57	3	1	1231
7.26850+	1 4.73050+	0	7.27210+	1 1.71610+	0	7.28300+	1	-1.27120+	0	57	3	1	1232
7.29020+	1-1.36990+	0	7.29750+	1-1.60790+	0	7.30840+	1	-1.32160+	0	57	3	1	1233
7.32650+	1-8.78300-	1	7.36280+	1-7.66700-	1	7.38100+	1	-7.69900-	1	57	3	1	1234
7.39910+	1-8.04900-	1	7.44260+	1-4.66500-	1	7.45710+	1	3.48350+	0	57	3	1	1235
7.47890+	1 1.60120+	1	7.48250+	1 1.58700+	1	7.48620+	1	1.33060+	1	57	3	1	1236
7.48980+	1 8.24280+	0	7.49340+	1 6.40610+	0	7.49710+	1	4.57330+	0	57	3	1	1237
7.50430+	1 2.06360+	0	7.50790+	1 1.03880+	0	7.51880+	1	-1.24130+	0	57	3	1	1238
7.54420+	1-2.77120+	0	7.55870+	1-2.78910+	0	7.58050+	1	-1.33400+	0	57	3	1	1239
7.60230+	1-9.47000-	1	7.61680+	1-9.55400-	1	7.67480+	1	-1.02510+	0	57	3	1	1240
7.69660+	1-8.99400-	1	7.71110+	1-9.04900-	1	7.75620+	1	-1.10810+	0	57	3	1	1241
7.76190+	1-1.06090+	0	7.83000+	1-1.21000+	0	7.83630+	1	4.62480+	0	57	3	1	1242
7.85440+	1 5.93180+	0	7.87260+	1 4.83890+	0	7.89070+	1	4.24000+	0	57	3	1	1243
7.90880+	1 2.50940+	0	7.92700+	1 1.31000+	0	7.94510+	1	-1.12550+	0	57	3	1	1244
7.98140+	1-1.11300+	0	7.99950+	1 1.18030+	0	8.00680+	1	1.11200+	0	57	3	1	1245
8.02490+	1-1.52470+	0	8.04670+	1-1.43340+	0	8.07570+	1	1.78020+	0	57	3	1	1246
8.08660+	1 1.86650+	0	8.09750+	1 1.24290+	0	8.10840+	1	3.96500-	1	57	3	1	1247
8.13380+	1-1.68580+	0	8.15190+	1-1.65140+	0	8.16280+	1	-1.49200+	0	57	3	1	1248
8.18100+	1 5.80600-	1	8.20000+	1 1.04000+	0	8.20000+	1	0.00000+	0	57	3	1	1249
1.00000+	3 0.00000+	0	1.30000+	4 0.00000+	0	2.50000+	4	1.29730-	2	57	3	1	1250
2.50000+	4 1.41000+	1	2.53000+	4 1.40820+	1	2.57000+	4	1.40590+	1	57	3	1	1251
2.62000+	4 1.40320+	1	2.65000+	4 1.40150+	1	2.72000+	4	1.39770+	1	57	3	1	1252
2.75000+	4 1.39610+	1	2.83000+	4 1.39190+	1	2.88000+	4	1.38930+	1	57	3	1	1253
2.93000+	4 1.38690+	1	2.98000+	4 1.38440+	1	3.00000+	4	1.38340+	1	57	3	1	1254
3.11000+	4 1.37730+	1	3.13000+	4 1.37620+	1	3.18000+	4	1.37350+	1	57	3	1	1255
3.21000+	4 1.37190+	1	3.25000+	4 1.36970+	1	3.28000+	4	1.36820+	1	57	3	1	1256
3.42000+	4 1.36110+	1	3.45000+	4 1.35960+	1	3.50000+	4	1.35710+	1	57	3	1	1257
3.62000+	4 1.35130+	1	3.65000+	4 1.34990+	1	3.70000+	4	1.34770+	1	57	3	1	1258
3.79000+	4 1.34360+	1	3.87000+	4 1.34000+	1	3.91000+	4	1.33820+	1	57	3	1	1259
3.94000+	4 1.33700+	1	4.00000+	4 1.33440+	1	4.04000+	4	1.33250+	1	57	3	1	1260
4.10000+	4 1.32970+	1	4.15000+	4 1.32730+	1	4.20000+	4	1.32500+	1	57	3	1	1261
4.30000+	4 1.32060+	1	4.36000+	4 1.31790+	1	4.38000+	4	1.31700+	1	57	3	1	1262
4.43000+	4 1.31480+	1	4.48000+	4 1.31270+	1	4.50000+	4	1.31170+	1	57	3	1	1263
4.52000+	4 1.31090+	1	4.54000+	4 1.31010+	1	4.60000+	4	1.30760+	1	57	3	1	1264
4.62000+	4 1.30680+	1	4.65000+	4 1.30550+	1	4.68000+	4	1.30430+	1	57	3	1	1265
4.73000+	4 1.30220+	1	4.76000+	4 1.30100+	1	4.82000+	4	1.29860+	1	57	3	1	1266
4.84000+	4 1.29780+	1	4.88000+	4 1.29620+	1	4.90000+	4	1.29530+	1	57	3	1	1267
5.00000+	4 1.29150+	1	5.02000+	4 1.29080+	1	5.06000+	4	1.28940+	1	57	3	1	1268
5.09000+	4 1.28840+	1	5.12000+	4 1.28740+	1	5.15000+	4	1.28630+	1	57	3	1	1269
5.22000+	4 1.28390+	1	5.25000+	4 1.28290+	1	5.35000+	4	1.27970+	1	57	3	1	1270
5.39000+	4 1.27830+	1	5.42000+	4 1.27740+	1	5.46000+	4	1.27610+	1	57	3	1	1271
5.50000+	4 1.27480+	1	5.53000+	4 1.27380+	1	5.57000+	4	1.27250+	1	57	3	1	1272
5.61000+	4 1.27140+	1	5.67000+	4 1.26950+	1	5.71000+	4	1.26830+	1	57	3	1	1273
5.76000+	4 1.26670+	1	5.79000+	4 1.26580+	1	5.83000+	4	1.26460+	1	57	3	1	1274
5.87000+	4 1.26340+	1	5.91000+	4 1.26220+	1	5.92000+	4	1.26190+	1	57	3	1	1275
5.98000+	4 1.26020+	1	6.00000+	4 1.25960+	1	6.03000+	4	1.25870+	1	57	3	1	1276
6.12000+	4 1.25620+	1	6.15000+	4 1.25530+	1	6.20000+	4	1.25390+	1	57	3	1	1277
6.25000+	4 1.25260+	1	6.29000+	4 1.25150+	1	6.32000+	4	1.25060+	1	57	3	1	1278
6.42000+	4 1.24790+	1	6.47000+	4 1.24660+	1	6.50000+	4	1.24580+	1	57	3	1	1279
6.51000+	4 1.24550+	1	6.61000+	4 1.24290+	1	6.65000+	4	1.24190+	1	57	3	1	1280
6.70000+	4 1.24060+	1	6.74000+	4 1.23950+	1	6.80000+	4	1.23800+	1	57	3	1	1281
6.83000+	4 1.23720+	1	6.89000+	4 1.23570+	1	6.94000+	4	1.23450+	1	57	3	1	1282
7.00000+	4 1.23300+	1	7.03000+	4 1.23220+	1	7.09000+	4	1.23060+	1	57	3	1	1283
7.20000+	4 1.22780+	1	7.25000+	4 1.22650+	1	7.31000+	4	1.22500+	1	57	3	1	1284
7.37000+	4 1.22350+	1	7.41000+	4 1.22250+	1	7.48000+	4	1.22080+	1	57	3	1	1285
7.50000+	4 1.22030+	1	7.53000+	4 1.21960+	1	7.58000+	4	1.21830+	1	57	3	1	1286
7.65000+	4 1.21660+	1	7.70000+	4 1.21540+	1	7.76000+	4	1.21400+	1	57	3	1	1287
7.84000+	4 1.21210+	1	7.89000+	4 1.21090+	1	7.94000+	4	1.20980+	1	57	3	1	1288
8.00000+	4 1.20840+	1	8.07000+	4 1.20710+	1	8.20000+	4	1.20470+	1	57	3	1	1289
8.27000+	4 1.20340+	1	8.33000+	4 1.20240+	1	8.40000+	4	1.20110+	1	57	3	1	1290
8.47000+	4 1.19980+	1	8.50000+	4 1.19930+	1	8.53000+	4	1.19880+	1	57	3	1	1291
8.61000+	4 1.19740+	1	8.68000+	4 1.19610+	1	8.75000+	4	1.19490+	1	57	3	1	1292
8.83000+	4 1.19360+	1	8.90000+	4 1.19240+	1	9.00000+	4	1.19070+	1	57	3	1	1293
9.03000+	4 1.19040+	1	9.12000+	4 1.18950+	1	9.28000+	4	1.18800+	1	57	3	1	1294
9.36000+	4 1.18720+	1	9.44000+	4 1.18650+	1	9.50000+	4	1.18590+	1	57	3	1	1295

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9.77000+ 4 1.18340+ 1 9.85000+ 4 1.18270+ 1 9.93000+ 4 1.18200+ 1  57 3  1 1297
9.99000+ 4 1.18150+ 1 1.00000+ 5 1.18140+ 1 1.03000+ 5 1.17530+ 1  57 3  1 1298
1.20000+ 5 1.14370+ 1 1.35000+ 5 1.11940+ 1 1.40000+ 5 1.11190+ 1  57 3  1 1299
1.50000+ 5 1.09660+ 1 1.60000+ 5 1.08240+ 1 1.73000+ 5 1.06400+ 1  57 3  1 1300
1.80000+ 5 1.05470+ 1 2.00000+ 5 1.02990+ 1 2.07000+ 5 1.01970+ 1  57 3  1 1301
2.15000+ 5 1.00840+ 1 2.20000+ 5 1.00160+ 1 2.25000+ 5 9.94930+ 0  57 3  1 1302
2.35000+ 5 9.82020+ 0 2.40000+ 5 9.75770+ 0 2.50000+ 5 9.63530+ 0  57 3  1 1303
2.60000+ 5 9.51770+ 0 2.70000+ 5 9.40340+ 0 2.80000+ 5 9.29330+ 0  57 3  1 1304
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8.40000+ 5 6.81900+ 0 8.50000+ 5 6.80580+ 0 8.60000+ 5 6.79290+ 0  57 3  1 1318
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1.15000+ 7 5.69940+ 0 1.19000+ 7 5.70210+ 0 1.20000+ 7 5.70590+ 0  57 3  1 1353
1.25000+ 7 5.73550+ 0 1.30000+ 7 5.76690+ 0 1.35000+ 7 5.78480+ 0  57 3  1 1354
1.40000+ 7 5.79650+ 0 1.45000+ 7 5.81540+ 0 1.50000+ 7 5.85460+ 0  57 3  1 1355
                                                                   57 3  0 1356
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3  2 1357
0.00000+ 0 0.00000+ 0          0           0          2        990  57 3  2 1358
     676           2        990           3                         57 3  2 1359
1.00000- 5 1.59100+ 1 1.00000- 4 1.59100+ 1 5.00000- 4 1.59100+ 1  57 3  2 1360
1.00000- 3 1.59050+ 1 2.00000- 3 1.59000+ 1 3.00000- 3 1.58940+ 1  57 3  2 1361
4.00000- 3 1.58890+ 1 5.00000- 3 1.58840+ 1 6.00000- 3 1.58780+ 1  57 3  2 1362
7.00000- 3 1.58730+ 1 8.00000- 3 1.58680+ 1 9.00000- 3 1.58620+ 1  57 3  2 1363
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2.80000- 2	1.57630+ 1	2.90000- 2	1.57570+ 1	3.00000- 2	1.57520+ 1	57	3	2	1370
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4.90000- 2	1.56550+ 1	5.00000- 2	1.56500+ 1	5.10000- 2	1.56450+ 1	57	3	2	1377
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5.80000- 2	1.56090+ 1	5.90000- 2	1.56040+ 1	6.00000- 2	1.55990+ 1	57	3	2	1380
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6.40000- 2	1.55790+ 1	6.50000- 2	1.55740+ 1	6.60000- 2	1.55690+ 1	57	3	2	1382
6.70000- 2	1.55640+ 1	6.80000- 2	1.55590+ 1	6.90000- 2	1.55550+ 1	57	3	2	1383
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1.00000- 1	1.54030+ 1	1.40000- 1	1.52120+ 1	1.80000- 1	1.50280+ 1	57	3	2	1394
2.03340- 1	1.49250+ 1	2.23340- 1	1.48460+ 1	2.43340- 1	1.47840+ 1	57	3	2	1395
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3.83340- 1	1.45790+ 1	4.03340- 1	1.45060+ 1	4.28120- 1	1.44170+ 1	57	3	2	1398
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7.04920- 1	1.36140+ 1	7.44920- 1	1.35150+ 1	7.84920- 1	1.34190+ 1	57	3	2	1401
8.24920- 1	1.33230+ 1	8.64920- 1	1.32280+ 1	9.04920- 1	1.31310+ 1	57	3	2	1402
9.44920- 1	1.30310+ 1	9.84920- 1	1.29290+ 1	1.00000+ 0	1.28852+ 1	57	3	2	1403
1.00000+ 0	-7.23000- 1	1.05500+ 0	-6.54500- 1	1.07300+ 0	-6.43000- 1	57	3	2	1404
1.09100+ 0	-6.33900- 1	1.18200+ 0	-5.48500- 1	1.20000+ 0	-5.50000- 1	57	3	2	1405
1.21800+ 0	-5.85900- 1	1.23600+ 0	-6.06200- 1	1.32700+ 0	-6.84500- 1	57	3	2	1406
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2.80000+ 0	-2.20000- 1	2.81800+ 0	-2.10800- 1	2.85500+ 0	-1.84300- 1	57	3	2	1412
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3.63600+ 0	-4.65000- 2	3.69100+ 0	-2.90500- 1	3.72700+ 0	-3.51500- 1	57	3	2	1417
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4.54500+ 0	-1.72300- 1	4.63600+ 0	-1.31800- 1	4.72700+ 0	-5.06000- 2	57	3	2	1420
4.78200+ 0	6.64000- 2	4.80000+ 0	1.30000- 1	4.83600+ 0	1.69100- 1	57	3	2	1421
4.85500+ 0	3.38000- 2	4.89100+ 0	-1.96700- 1	4.90900+ 0	-2.14400- 1	57	3	2	1422
4.94500+ 0	-1.84600- 1	4.98100+ 0	-1.59200- 1	5.09100+ 0	-6.94000- 2	57	3	2	1423
5.14500+ 0	-4.32000- 2	5.18200+ 0	-1.80000- 2	5.27300+ 0	3.59000- 2	57	3	2	1424
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8.18100+ 0	2.00000- 1	8.36300+ 0	4.24300- 1	8.45300+ 0	6.21900- 1	57	3	2	1433
8.92500+ 0	2.73600- 1	9.01500+ 0	-5.13200- 1	9.05200+ 0	-5.31800- 1	57	3	2	1434
9.10600+ 0	-4.71500- 1	9.17900+ 0	-3.31700- 1	9.23300+ 0	-3.82800- 1	57	3	2	1435
9.30600+ 0	-1.31700- 1	9.36000+ 0	1.10000- 1	9.43200+ 0	-2.41400- 1	57	3	2	1436
9.45100+ 0	-2.62200- 1	9.50500+ 0	-2.75700- 1	9.54100+ 0	-2.49100- 1	57	3	2	1437
9.70400+ 0	-1.08300- 1	9.75900+ 0	-7.04000- 2	9.99500+ 0	-1.75400- 1	57	3	2	1438

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1.03390+	1-2.20200- 1	1.04300+	1-1.54400- 1	1.06290+	1-1.49000- 2	57	3	2	1440
1.07200+	1 4.00000- 2	1.08110+	1 5.44000- 2	1.09370+	1 5.98000- 2	57	3	2	1441
1.09920+	1 4.34000- 2	1.12640+	1 1.81000- 2	1.14090+	1 1.09400- 1	57	3	2	1442
1.14450+	1 1.69100- 1	1.14810+	1 2.53100- 1	1.15540+	1 6.38500- 1	57	3	2	1443
1.18620+	1-6.35000- 1	1.18980+	1-5.44400- 1	1.20000+	1-3.80000- 1	57	3	2	1444
1.20910+	1-2.41400- 1	1.21450+	1-1.48600- 1	1.22000+	1-1.00000- 2	57	3	2	1445
1.23500+	1 2.20000- 1	1.24910+	1 1.28600- 1	1.25440+	1-4.22500- 1	57	3	2	1446
1.40850+	1 3.42500- 1	1.42670+	1 7.35000- 2	1.43570+	1-1.70000- 2	57	3	2	1447
1.44120+	1-7.81000- 2	1.44480+	1-1.21400- 1	1.46110+	1-2.71300- 1	57	3	2	1448
1.46470+	1-2.42500- 1	1.47370+	1-2.20400- 1	1.49010+	1-2.10300- 1	57	3	2	1449
1.50000+	1-1.99900- 1	1.50910+	1-1.85700- 1	1.51820+	1-1.38100- 1	57	3	2	1450
1.52730+	1-2.58000- 2	1.53640+	1 3.46200- 1	1.54550+	1 2.30000- 2	57	3	2	1451
1.55450+	1-2.30200- 1	1.56360+	1-2.21500- 1	1.57270+	1-1.85900- 1	57	3	2	1452
1.58180+	1-1.40800- 1	1.59090+	1-3.77000- 2	1.60000+	1 2.70000- 1	57	3	2	1453
1.60910+	1 4.00800- 1	1.61820+	1-3.23600- 1	1.62730+	1-2.93600- 1	57	3	2	1454
1.63640+	1-2.06000- 1	1.64360+	1-1.26300- 1	1.64910+	1-3.37000- 2	57	3	2	1455
1.65450+	1 1.06800- 1	1.66360+	1 3.37600- 1	1.67270+	1 1.42000- 1	57	3	2	1456
1.68180+	1-1.56700- 1	1.69090+	1-2.20600- 1	1.69450+	1-2.22700- 1	57	3	2	1457
1.70000+	1-2.10000- 1	1.70910+	1-1.93900- 1	1.71810+	1-1.80100- 1	57	3	2	1458
1.72730+	1-1.35000- 1	1.73640+	1-1.11200- 1	1.74550+	1-6.52000- 2	57	3	2	1459
1.75450+	1-1.52000- 2	1.76360+	1 5.78000- 2	1.77270+	1 1.59900- 1	57	3	2	1460
1.78180+	1 3.35900- 1	1.79090+	1 6.35400- 1	1.80910+	1 5.63600- 1	57	3	2	1461
1.81820+	1 1.80000- 3	1.82730+	1-1.60400- 1	1.83640+	1-1.40200- 1	57	3	2	1462
1.84550+	1-7.54000- 2	1.85450+	1 1.46000- 2	1.86360+	1 1.42100- 1	57	3	2	1463
1.87270+	1 3.27500- 1	1.88180+	1 6.40300- 1	1.89090+	1 1.11330+ 0	57	3	2	1464
1.90000+	1 4.50000- 1	1.93810+	1 3.55680+ 0	1.94360+	1 5.62000- 1	57	3	2	1465
1.94550+	1 3.32000- 2	1.94910+	1-4.80600- 1	1.95090+	1-6.06900- 1	57	3	2	1466
1.95270+	1-6.85200- 1	1.95450+	1-7.31900- 1	1.96180+	1-7.81000- 1	57	3	2	1467
1.96720+	1-7.64600- 1	1.97270+	1-7.16800- 1	1.98180+	1-6.31800- 1	57	3	2	1468
1.99090+	1-5.31600- 1	2.00000+	1-3.90000- 1	2.00910+	1-2.39100- 1	57	3	2	1469
2.02730+	1-3.19600- 1	2.03640+	1-3.90800- 1	2.04550+	1-3.29000- 1	57	3	2	1470
2.05450+	1-2.67000- 2	2.05820+	1 1.13900- 1	2.06360+	1-3.40000- 2	57	3	2	1471
2.06730+	1-2.60500- 1	2.07270+	1-4.49500- 1	2.07640+	1-4.83100- 1	57	3	2	1472
2.08180+	1-4.80100- 1	2.09090+	1-4.39300- 1	2.10000+	1-6.10000- 1	57	3	2	1473
2.10360+	1-6.20100- 1	2.10910+	1 3.54600- 1	2.11270+	1 7.29200- 1	57	3	2	1474
2.11820+	1 2.40100- 1	2.12180+	1-3.90000- 2	2.12640+	1-2.07400- 1	57	3	2	1475
2.13640+	1-3.02300- 1	2.14000+	1-3.10000- 1	2.14550+	1-3.17300- 1	57	3	2	1476
2.15450+	1-3.10000- 1	2.17270+	1-2.80700- 1	2.19090+	1-2.38000- 1	57	3	2	1477
2.20910+	1-1.82000- 1	2.22730+	1-1.05600- 1	2.24550+	1 0.00000+ 0	57	3	2	1478
2.26360+	1 1.95300- 1	2.28180+	1 8.37600- 1	2.30000+	1 3.00000- 1	57	3	2	1479
2.31150+	1-1.01500- 1	2.32300+	1 3.17500- 1	2.34600+	1-4.30000- 1	57	3	2	1480
2.36900+	1 8.68000- 1	2.38740+	1 5.44000- 2	2.40110+	1-1.10200- 1	57	3	2	1481
2.41030+	1 6.99000- 2	2.43790+	1-1.12600- 1	2.46090+	1-1.81600- 1	57	3	2	1482
2.48390+	1 9.84000- 2	2.50690+	1 3.69000- 1	2.51610+	1 4.71000- 1	57	3	2	1483
2.53450+	1 5.01800- 1	2.55290+	1-3.74300- 1	2.55750+	1-2.58500- 1	57	3	2	1484
2.57130+	1-2.43900- 1	2.58510+	1-1.55100- 1	2.60340+	1-1.39900- 1	57	3	2	1485
2.61260+	1-1.93600- 1	2.62180+	1-2.40000- 1	2.64480+	1-2.62300- 1	57	3	2	1486
2.65400+	1 2.00000- 2	2.70000+	1-2.60000- 1	2.71380+	1-3.00300- 1	57	3	2	1487
2.73680+	1-2.46700- 1	2.74140+	1-2.40600- 1	2.75980+	1-2.02300- 1	57	3	2	1488
2.78280+	1-2.80000- 2	2.80570+	1-3.18700- 1	2.82870+	1-4.07400- 1	57	3	2	1489
2.84250+	1-3.04500- 1	2.85170+	1-2.50000- 1	2.87470+	1-3.17000- 1	57	3	2	1490
2.89770+	1-2.29800- 1	2.92070+	1-1.99900- 1	2.94370+	1-1.41900- 1	57	3	2	1491
2.96670+	1-3.43000- 2	2.98970+	1-1.90500- 1	3.00000+	1-1.50000- 1	57	3	2	1492
3.02290+	1-2.04000- 2	3.04570+	1 3.51900- 1	3.06860+	1 2.23100- 1	57	3	2	1493
3.07770+	1 2.16000- 1	3.09140+	1-3.77800- 1	3.09600+	1-4.50000- 1	57	3	2	1494
3.10970+	1-2.93000- 1	3.11430+	1-2.55800- 1	3.13710+	1-8.52000- 2	57	3	2	1495
3.16000+	1 1.30000- 1	3.16910+	1 2.60800- 1	3.18290+	1 6.25400- 1	57	3	2	1496
3.18740+	1 8.12000- 1	3.19660+	1 1.02670+ 0	3.20570+	1 5.25500- 1	57	3	2	1497
3.21940+	1-1.93100- 1	3.22860+	1-6.45000- 1	3.25140+	1-4.08900- 1	57	3	2	1498
3.27430+	1-1.72400- 1	3.29710+	1 1.05600- 1	3.32000+	1 5.80000- 1	57	3	2	1499
3.35200+	1 1.82000+ 0	3.36110+	1-6.70200- 1	3.37490+	1-8.59900- 1	57	3	2	1500
3.38860+	1-2.26000- 1	3.41140+	1 8.13600- 1	3.43430+	1 2.20710+ 0	57	3	2	1501
3.44340+	1 1.82990+ 0	3.44800+	1-4.50000- 1	3.45260+	1-1.31390+ 0	57	3	2	1502
3.45710+	1-1.16850+ 0	3.46170+	1-7.58800- 1	3.46630+	1-3.21000- 1	57	3	2	1503
3.47090+	1 7.02000- 2	3.47540+	1 2.12100- 1	3.48460+	1 1.58200- 1	57	3	2	1504
3.48910+	1-2.69900- 1	3.50290+	1-3.24750+ 0	3.52570+	1 1.10360+ 1	57	3	2	1505
3.54860+	1-1.80000- 2	3.57140+	1 2.14430+ 0	3.59430+	1 3.48900- 1	57	3	2	1506
3.66290+	1-2.70000- 1	3.68570+	1-2.50200- 1	3.70860+	1-3.10000- 1	57	3	2	1507
3.73140+	1-2.63500- 1	3.75430+	1-1.99600- 1	3.77710+	1-1.90000- 1	57	3	2	1508

3.80000+	1-3.10000-	1	3.82290+	1-9.29000-	2	3.84570+	1-1.44200-	1	57	3	2 1509
3.86860+	1-2.91000-	1	3.89140+	1-3.26300-	1	3.91430+	1-3.89000-	1	57	3	2 1510
3.92340+	1-1.91600-	1	3.92800+	1 5.10000-	1	3.93710+	1 4.12280+	0	57	3	2 1511
3.95090+	1 2.15200-	1	3.96000+	1-4.70000-	1	3.96910+	1-5.21000-	1	57	3	2 1512
3.98290+	1-4.48700-	1	3.99660+	1-1.63800-	1	4.01940+	1-3.78000-	1	57	3	2 1513
4.05140+	1 1.87700-	1	4.06970+	1-1.43100-	1	4.07430+	1-2.34900-	1	57	3	2 1514
4.07890+	1-3.00200-	1	4.09710+	1-3.50700-	1	4.12000+	1 1.60000-	1	57	3	2 1515
4.14290+	1 4.81000-	1	4.15660+	1-1.28500-	1	4.16570+	1-3.25800-	1	57	3	2 1516
4.17940+	1-2.53000-	1	4.19770+	1-6.46400-	1	4.21140+	1-7.18600-	1	57	3	2 1517
4.22970+	1-3.49500-	1	4.23890+	1-3.65500-	1	4.25710+	1-4.06100-	1	57	3	2 1518
4.27090+	1-3.34900-	1	4.28000+	1-3.20000-	1	4.28910+	1-3.25500-	1	57	3	2 1519
4.30290+	1-3.35100-	1	4.32110+	1-2.59700-	1	4.33030+	1-7.10000-	3	57	3	2 1520
4.34860+	1-5.91000-	2	4.36690+	1-1.48700-	1	4.38060+	1 4.36600-	1	57	3	2 1521
4.40340+	1-1.58500-	1	4.41710+	1-2.47100-	1	4.44000+	1-2.50000-	1	57	3	2 1522
4.46290+	1 3.58000-	1	4.48570+	1-8.74100-	1	4.50860+	1-4.74000-	1	57	3	2 1523
4.53140+	1-3.13000-	1	4.55430+	1-2.81100-	1	4.57710+	1-3.24500-	1	57	3	2 1524
4.60000+	1-3.20000-	1	4.61810+	1-2.90000-	1	4.63630+	1-2.59900-	1	57	3	2 1525
4.65440+	1-8.90000-	2	4.67260+	1 1.07750+	0	4.72700+	1-4.44400-	1	57	3	2 1526
4.74510+	1-3.65100-	1	4.76330+	1-2.93000-	1	4.77410+	1-1.78300-	1	57	3	2 1527
4.78870+	1 4.66800-	1	4.79590+	1 6.13100-	1	4.80680+	1-2.86900-	1	57	3	2 1528
4.81770+	1-6.43000-	1	4.82860+	1-4.01700-	1	4.83950+	1-2.69500-	1	57	3	2 1529
4.85400+	1-3.60000-	1	4.86120+	1-3.70100-	1	4.86850+	1-3.13600-	1	57	3	2 1530
4.88660+	1-3.78700-	1	4.89340+	1-6.71800-	1	4.90110+	1-6.79200-	1	57	3	2 1531
4.91200+	1-4.80000-	1	4.91930+	1-4.12400-	1	4.93380+	1-3.51700-	1	57	3	2 1532
4.95560+	1-5.74300-	1	4.96640+	1-4.78000-	1	4.97730+	1-4.22400-	1	57	3	2 1533
4.99550+	1-2.14000-	1	5.01720+	1-1.46500-	1	5.18050+	1-1.07160+	0	57	3	2 1534
5.25310+	1-5.64600-	1	5.27120+	1-4.23400-	1	5.32560+	1-5.35200-	1	57	3	2 1535
5.34380+	1-6.20400-	1	5.36190+	1-4.70500-	1	5.38000+	1-4.50000-	1	57	3	2 1536
5.40000+	1-4.20000-	1	5.41810+	1-3.60400-	1	5.43630+	1-4.09600-	1	57	3	2 1537
5.45440+	1-3.49700-	1	5.47260+	1-1.55100-	1	5.49070+	1 5.98400-	1	57	3	2 1538
5.50880+	1 4.56200-	1	5.52700+	1-1.19370+	0	5.54510+	1-1.01860+	0	57	3	2 1539
5.56330+	1-3.39000-	1	5.58140+	1 4.76100-	1	5.59950+	1-1.33820+	0	57	3	2 1540
5.61770+	1-2.49400+	0	5.62860+	1-3.25280+	0	5.63580+	1-4.15170+	0	57	3	2 1541
5.64310+	1-4.26260+	0	5.66490+	1-8.64300-	1	5.67940+	1 7.91000-	2	57	3	2 1542
5.69020+	1 8.20000-	3	5.71200+	1-2.68800-	1	5.72650+	1-4.27300-	1	57	3	2 1543
5.76280+	1-8.38000-	1	5.78100+	1-7.58700-	1	5.79910+	1-2.10170+	0	57	3	2 1544
5.81720+	1-3.12400-	1	5.83170+	1-2.70600-	1	5.83900+	1-5.18800-	1	57	3	2 1545
5.84990+	1-1.11260+	0	5.85710+	1-1.76280+	0	5.86800+	1-1.75000+	0	57	3	2 1546
5.88250+	1 1.51800-	1	5.90070+	1 4.23000-	2	5.91160+	1-9.60000-	2	57	3	2 1547
5.94420+	1-3.61400-	1	5.96240+	1-4.01800-	1	5.98050+	1-3.46900-	1	57	3	2 1548
6.21810+	1-6.11200-	1	6.22900+	1-7.35000-	1	6.25440+	1-6.47800-	1	57	3	2 1549
6.27260+	1-5.16500-	1	6.37410+	1-8.79900-	1	6.39230+	1-9.50000-	1	57	3	2 1550
6.40320+	1-9.49400-	1	6.41410+	1-1.02210+	0	6.42490+	1-1.37500+	0	57	3	2 1551
6.43220+	1-1.38680+	0	6.44310+	1-9.64700-	1	6.45400+	1-7.30000-	1	57	3	2 1552
6.46490+	1-6.40500-	1	6.47210+	1-6.09400-	1	6.49020+	1-5.59700-	1	57	3	2 1553
6.52650+	1-5.10000-	1	6.54470+	1-5.10000-	1	6.56280+	1-5.91300-	1	57	3	2 1554
6.57730+	1-7.47800-	1	6.58820+	1-6.78200-	1	6.59910+	1-5.79000-	1	57	3	2 1555
6.61000+	1-5.50000-	1	6.61720+	1-5.62100-	1	6.63540+	1-8.14500-	1	57	3	2 1556
6.64630+	1-7.55500-	1	6.65710+	1-7.64500-	1	6.68250+	1-5.01800-	1	57	3	2 1557
6.76240+	1-5.20000-	1	6.78050+	1-5.30500-	1	6.81680+	1-5.10600-	1	57	3	2 1558
6.85310+	1-4.54300-	1	6.94000+	1-3.30000-	1	6.96190+	1-5.89600-	1	57	3	2 1559
6.98000+	1-6.00000-	1	7.00000+	1-5.40000-	1	7.01810+	1-4.43000-	2	57	3	2 1560
7.03630+	1 1.44310+	0	7.05440+	1-1.40260+	0	7.07260+	1-2.54730+	0	57	3	2 1561
7.09070+	1-1.38780+	0	7.10880+	1-7.81300-	1	7.12700+	1-6.74400-	1	57	3	2 1562
7.15600+	1-1.00000+	0	7.18140+	1-8.22400-	1	7.19230+	1-8.31300-	1	57	3	2 1563
7.19950+	1-8.84600-	1	7.20680+	1-9.76500-	1	7.21040+	1-1.02890+	0	57	3	2 1564
7.21770+	1-1.20210+	0	7.23220+	1-1.48910+	0	7.25030+	1-5.78000-	1	57	3	2 1565
7.26850+	1-7.39500-	1	7.27210+	1-8.83900-	1	7.28300+	1-1.27120+	0	57	3	2 1566
7.29020+	1-1.36990+	0	7.29750+	1-1.30790+	0	7.30840+	1-1.11170+	0	57	3	2 1567
7.32650+	1-8.78300-	1	7.36280+	1-7.66700-	1	7.38100+	1-7.69900-	1	57	3	2 1568
7.39910+	1-8.04900-	1	7.44260+	1-8.96500-	1	7.45710+	1-4.46500-	1	57	3	2 1569
7.47890+	1-8.48000-	1	7.48250+	1-9.20400-	1	7.48620+	1-9.83900-	1	57	3	2 1570
7.48980+	1-1.04720+	0	7.49340+	1-1.09390+	0	7.49710+	1-1.13670+	0	57	3	2 1571
7.50430+	1-1.14640+	0	7.50790+	1-1.10120+	0	7.51880+	1-8.81300-	1	57	3	2 1572
7.54420+	1-2.06120+	0	7.55870+	1-2.07910+	0	7.58050+	1-1.33400+	0	57	3	2 1573
7.60230+	1-9.47000-	1	7.61680+	1-8.55400-	1	7.67480+	1-1.02510+	0	57	3	2 1574
7.69660+	1-8.99400-	1	7.71110+	1-9.04900-	1	7.75620+	1-1.10810+	0	57	3	2 1575
7.76190+	1-1.06090+	0	7.83000+	1-1.21000+	0	7.83630+	1-1.08520+	0	57	3	2 1576
7.85440+	1-9.68200-	1	7.87260+	1-9.61100-	1	7.89070+	1-9.60000-	1	57	3	2 1577
7.90880+	1-9.90600-	1	7.92700+	1-1.03000+	0	7.94510+	1-1.12550+	0	57	3	2 1578
7.98140+	1-1.11300+	0	7.99950+	1-1.13970+	0	8.00680+	1-1.20800+	0	57	3	2 1579
8.02490+	1-1.52470+	0	8.04670+	1-1.43340+	0	8.07570+	1-1.21980+	0	57	3	2 1580

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8.08660+ 1-1.23350+ 0 8.09750+ 1-1.25710+ 0 8.10840+ 1-1.30350+ 0  57 3  2 1581
8.13380+ 1-1.68580+ 0 8.15190+ 1-1.65140+ 0 8.16280+ 1-1.49200+ 0  57 3  2 1582
8.18100+ 1-1.41940+ 0 8.20000+ 1-1.46000+ 0 8.20000+ 1 0.00000+ 0  57 3  2 1583
1.00000+ 3 0.00000+ 0 1.30000+ 4 0.00000+ 0 2.50000+ 4 0.00000+ 0  57 3  2 1584
2.50000+ 4 1.09650+ 1 2.53000+ 4 1.09620+ 1 2.57000+ 4 1.10610+ 1  57 3  2 1585
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3.62000+ 4 1.05190+ 1 3.65000+ 4 1.05770+ 1 3.70000+ 4 1.04980+ 1  57 3  2 1592
3.79000+ 4 1.05930+ 1 3.87000+ 4 1.03920+ 1 3.91000+ 4 1.04160+ 1  57 3  2 1593
3.94000+ 4 1.04650+ 1 4.00000+ 4 1.03220+ 1 4.04000+ 4 1.02260+ 1  57 3  2 1594
4.10000+ 4 1.03620+ 1 4.15000+ 4 1.05020+ 1 4.20000+ 4 1.03920+ 1  57 3  2 1595
4.30000+ 4 1.03940+ 1 4.36000+ 4 1.04610+ 1 4.38000+ 4 1.03940+ 1  57 3  2 1596
4.43000+ 4 1.03850+ 1 4.48000+ 4 1.04370+ 1 4.50000+ 4 1.04640+ 1  57 3  2 1597
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5.00000+ 4 1.01810+ 1 5.02000+ 4 1.01790+ 1 5.06000+ 4 1.02310+ 1  57 3  2 1602
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5.87000+ 4 1.00330+ 1 5.91000+ 4 9.92250+ 0 5.92000+ 4 9.80980+ 0  57 3  2 1609
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6.25000+ 4 9.85660+ 0 6.29000+ 4 9.93500+ 0 6.32000+ 4 9.99620+ 0  57 3  2 1612
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1.40000+ 7 3.14437+ 0 1.45000+ 7 3.18347+ 0 1.50000+ 7 3.25287+ 0  57 3  2 1689
                                                                   57 3  0 1690
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3  4 1691
0.00000+ 0-1.29400+ 4          0           0          1        352  57 3  4 1692
      352          2                                                57 3  4 1693
1.30000+ 4 0.00000+ 0 1.32000+ 4 2.16220- 4 1.37000+ 4 7.56760- 4  57 3  4 1694
1.42000+ 4 1.29730- 3 1.45000+ 4 1.62160- 3 1.47000+ 4 1.83780- 3  57 3  4 1695
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4.82000+ 4 3.80540- 2 4.84000+ 4 3.82700- 2 4.88000+ 4 3.87030- 2  57 3  4 1722
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5.15000+	4	4.68380-	2	5.22000+	4	5.00290-	2	5.25000+	4	5.13970-	2	57	3	4	1725
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5.57000+	4	6.59850-	2	5.61000+	4	6.78090-	2	5.67000+	4	7.05440-	2	57	3	4	1728
5.71000+	4	7.23680-	2	5.76000+	4	7.46470-	2	5.79000+	4	7.60150-	2	57	3	4	1729
5.83000+	4	7.78380-	2	5.87000+	4	7.96620-	2	5.91000+	4	8.14850-	2	57	3	4	1730
5.92000+	4	8.19410-	2	5.98000+	4	8.46760-	2	6.00000+	4	8.55880-	2	57	3	4	1731
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6.20000+	4	9.47060-	2	6.25000+	4	9.69850-	2	6.29000+	4	9.88090-	2	57	3	4	1733
6.32000+	4	1.00180-	1	6.42000+	4	1.04740-	1	6.47000+	4	1.07010-	1	57	3	4	1734
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6.80000+	4	1.22060-	1	6.83000+	4	1.23430-	1	6.89000+	4	1.26160-	1	57	3	4	1737
6.94000+	4	1.28440-	1	7.00000+	4	1.31180-	1	7.03000+	4	1.32540-	1	57	3	4	1738
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9.68000+	4	3.35000-	1	9.77000+	4	3.44840-	1	9.85000+	4	3.53590-	1	57	3	4	1752
9.93000+	4	3.62340-	1	9.99000+	4	3.68910-	1	1.00000+	5	3.70000-	1	57	3	4	1753
1.03000+	5	3.90000-	1	1.20000+	5	4.29790-	1	1.35000+	5	4.64890-	1	57	3	4	1754
1.40000+	5	4.76600-	1	1.50000+	5	5.00000-	1	1.60000+	5	5.26090-	1	57	3	4	1755
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2.07000+	5	6.38800-	1	2.15000+	5	6.48860-	1	2.20000+	5	6.55140-	1	57	3	4	1757
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2.50000+	5	7.25000-	1	2.60000+	5	7.44000-	1	2.70000+	5	7.63000-	1	57	3	4	1759
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5.00000+	5	1.10000+	0	5.20000+	5	1.10600+	0	5.40000+	5	1.11200+	0	57	3	4	1765
5.50000+	5	1.11500+	0	5.60000+	5	1.12000+	0	5.70000+	5	1.12500+	0	57	3	4	1766
5.80000+	5	1.13000+	0	6.00000+	5	1.14000+	0	6.20000+	5	1.18200+	0	57	3	4	1767
6.40000+	5	1.22400+	0	6.50000+	5	1.24500+	0	6.60000+	5	1.25620+	0	57	3	4	1768
6.70000+	5	1.26740+	0	6.80000+	5	1.27860+	0	7.00000+	5	1.30100+	0	57	3	4	1769
7.20000+	5	1.30860+	0	7.30000+	5	1.31240+	0	7.40000+	5	1.31620+	0	57	3	4	1770
7.50000+	5	1.32000+	0	7.60000+	5	1.32400+	0	7.70000+	5	1.32800+	0	57	3	4	1771
7.75000+	5	1.33000+	0	7.80000+	5	1.33200+	0	8.00000+	5	1.34000+	0	57	3	4	1772
8.20000+	5	1.33600+	0	8.40000+	5	1.33200+	0	8.50000+	5	1.33000+	0	57	3	4	1773
8.60000+	5	1.33400+	0	8.80000+	5	1.34200+	0	9.00000+	5	1.35000+	0	57	3	4	1774
9.20000+	5	1.34600+	0	9.40000+	5	1.34200+	0	9.50000+	5	1.34000+	0	57	3	4	1775
9.60000+	5	1.34600+	0	9.70000+	5	1.35200+	0	9.80000+	5	1.35800+	0	57	3	4	1776
1.00000+	6	1.37000+	0	1.05000+	6	1.39300+	0	1.10000+	6	1.41600+	0	57	3	4	1777
1.15000+	6	1.43900+	0	1.20000+	6	1.46200+	0	1.25000+	6	1.48500+	0	57	3	4	1778
1.29500+	6	1.50570+	0	1.30000+	6	1.50800+	0	1.35000+	6	1.53100+	0	57	3	4	1779
1.40000+	6	1.55400+	0	1.45000+	6	1.57700+	0	1.49500+	6	1.59770+	0	57	3	4	1780
1.50000+	6	1.60000+	0	1.60000+	6	1.63000+	0	1.70000+	6	1.66000+	0	57	3	4	1781
1.80000+	6	1.69000+	0	1.90000+	6	1.72000+	0	2.00000+	6	1.75000+	0	57	3	4	1782
2.10000+	6	1.75000+	0	2.20000+	6	1.75000+	0	2.30000+	6	1.75000+	0	57	3	4	1783
2.40000+	6	1.75000+	0	2.50000+	6	1.75000+	0	2.60000+	6	1.76200+	0	57	3	4	1784
2.70000+	6	1.77400+	0	2.80000+	6	1.78600+	0	2.90000+	6	1.79800+	0	57	3	4	1785
3.00000+	6	1.81000+	0	3.10000+	6	1.81000+	0	3.20000+	6	1.81000+	0	57	3	4	1786
3.30000+	6	1.81000+	0	3.40000+	6	1.81000+	0	3.50000+	6	1.81000+	0	57	3	4	1787
3.60000+	6	1.81200+	0	3.70000+	6	1.81400+	0	3.80000+	6	1.81600+	0	57	3	4	1788
3.90000+	6	1.81800+	0	4.00000+	6	1.82000+	0	4.10000+	6	1.82200+	0	57	3	4	1789
4.20000+	6	1.82400+	0	4.30000+	6	1.82600+	0	4.40000+	6	1.82800+	0	57	3	4	1790
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4.80000+	6	1.83600+	0	4.90000+	6	1.83800+	0	5.00000+	6	1.84000+	0	57	3	4	1792
5.10000+	6	1.82600+	0	5.20000+	6	1.81200+	0	5.25000+	6	1.80500+	0	57	3	4	1793
5.30000+	6	1.79800+	0	5.40000+	6	1.78400+	0	5.50000+	6	1.77000+	0	57	3	4	1794

```
5.60000+ 6 1.74600+ 0 5.70000+ 6 1.72200+ 0 5.80000+ 6 1.69800+ 0  57 3  4 1795
5.90000+ 6 1.67400+ 0 6.00000+ 6 1.65000+ 0 6.10000+ 6 1.59200+ 0  57 3  4 1796
6.20000+ 6 1.53400+ 0 6.30000+ 6 1.47600+ 0 6.40000+ 6 1.41800+ 0  57 3  4 1797
6.50000+ 6 1.36000+ 0 6.60000+ 6 1.30600+ 0 6.70000+ 6 1.25200+ 0  57 3  4 1798
6.80000+ 6 1.19800+ 0 6.90000+ 6 1.14400+ 0 7.00000+ 6 1.09000+ 0  57 3  4 1799
7.10000+ 6 1.03800+ 0 7.20000+ 6 9.86000- 1 7.30000+ 6 9.34000- 1  57 3  4 1800
7.40000+ 6 8.82000- 1 7.50000+ 6 8.30000- 1 7.60000+ 6 7.90000- 1  57 3  4 1801
7.65000+ 6 7.70000- 1 7.70000+ 6 7.50000- 1 7.80000+ 6 7.10000- 1  57 3  4 1802
7.90000+ 6 6.70000- 1 8.00000+ 6 6.30000- 1 8.20000+ 6 5.82000- 1  57 3  4 1803
8.40000+ 6 5.34000- 1 8.50000+ 6 5.10000- 1 8.60000+ 6 5.02000- 1  57 3  4 1804
8.80000+ 6 4.86000- 1 9.00000+ 6 4.70000- 1 9.20000+ 6 4.58000- 1  57 3  4 1805
9.40000+ 6 4.46000- 1 9.50000+ 6 4.40000- 1 9.60000+ 6 4.38000- 1  57 3  4 1806
9.80000+ 6 4.34000- 1 1.00000+ 7 4.30000- 1 1.05000+ 7 4.20000- 1  57 3  4 1807
1.10000+ 7 4.10000- 1 1.15000+ 7 4.00000- 1 1.19000+ 7 3.84000- 1  57 3  4 1808
1.20000+ 7 3.80000- 1 1.25000+ 7 3.60000- 1 1.30000+ 7 3.50000- 1  57 3  4 1809
1.35000+ 7 3.40000- 1 1.40000+ 7 3.30000- 1 1.45000+ 7 3.20000- 1  57 3  4 1810
1.50000+ 7 3.10000- 1                                              57 3  4 1811
                                                                   57 3  0 1812
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3 16 1813
0.00000+ 0-5.23000+ 6          0           0          1         53  57 3 16 1814
        53         2                                                57 3 16 1815
5.25000+ 6 0.00000+ 0 5.30000+ 6 1.00000- 2 5.40000+ 6 3.00000- 2  57 3 16 1816
5.50000+ 6 5.00000- 2 5.60000+ 6 6.40000- 2 5.70000+ 6 7.80000- 2  57 3 16 1817
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6.40000+ 6 1.84000- 1 6.50000+ 6 2.00000- 1 6.60000+ 6 2.16000- 1  57 3 16 1820
6.70000+ 6 2.32000- 1 6.80000+ 6 2.48000- 1 6.90000+ 6 2.64000- 1  57 3 16 1821
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1.19000+ 7 6.10000- 1 1.20000+ 7 6.00000- 1 1.25000+ 7 5.30000- 1  57 3 16 1831
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1.45000+ 7 9.00000- 2 1.50000+ 7 5.00000- 2                        57 3 16 1833
                                                                   57 3  0 1834
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3 17 1835
0.00000+ 0-1.18500+ 7          0           0          1          8  57 3 17 1836
         8         2                                                57 3 17 1837
1.19000+ 7 0.00000+ 0 1.20000+ 7 1.00000- 3 1.25000+ 7 1.00000- 2  57 3 17 1838
1.30000+ 7 2.00000- 2 1.35000+ 7 4.00000- 2 1.40000+ 7 6.00000- 2  57 3 17 1839
1.45000+ 7 7.00000- 2 1.50000+ 7 8.00000- 2                        57 3 17 1840
                                                                   57 3  0 1841
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3 18 1842
0.00000+ 0 1.92500+ 8          0           0          3        867  57 3 18 1843
        57         5        553           2        867          3  57 3 18 1844
1.00000- 5 3.10320+ 4 1.00000- 3 3.09568+ 3 5.00000- 3 1.37091+ 3  57 3 18 1845
1.00000- 2 9.57649+ 2 1.50000- 2 7.72470+ 2 2.00000- 2 6.60944+ 2  57 3 18 1846
2.53000- 2 5.80200+ 2 3.00000- 2 5.26873+ 2 3.50000- 2 4.82015+ 2  57 3 18 1847
4.00000- 2 4.45615+ 2 4.50000- 2 4.15256+ 2 5.00000- 2 3.89421+ 2  57 3 18 1848
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7.00000- 2 3.15016+ 2 7.50000- 2 3.01351+ 2 8.00000- 2 2.89161+ 2  57 3 18 1850
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1.00000- 1 2.51036+ 2 1.10000- 1 2.36106+ 2 1.20000- 1 2.23244+ 2  57 3 18 1852
1.30000- 1 2.12228+ 2 1.40000- 1 2.03038+ 2 1.50000- 1 1.95503+ 2  57 3 18 1853
1.60000- 1 1.89122+ 2 1.70000- 1 1.83965+ 2 1.80000- 1 1.79962+ 2  57 3 18 1854
2.03340- 1 1.75437+ 2 2.23340- 1 1.76370+ 2 2.43340- 1 1.82219+ 2  57 3 18 1855
2.63340- 1 1.99704+ 2 2.83340- 1 1.94680+ 2 3.03340- 1 1.90115+ 2  57 3 18 1856
3.23340- 1 1.72698+ 2 3.43340- 1 1.52572+ 2 3.63340- 1 1.37773+ 2  57 3 18 1857
3.83340- 1 1.24911+ 2 4.03340- 1 1.14135+ 2 4.28120- 1 1.03139+ 2  57 3 18 1858
4.64920- 1 9.07725+ 1 5.04920- 1 8.12321+ 1 5.44920- 1 7.41408+ 1  57 3 18 1859
5.84920- 1 6.88143+ 1 6.24920- 1 6.48101+ 1 6.64920- 1 6.16708+ 1  57 3 18 1860
7.04920- 1 5.91315+ 1 7.44920- 1 5.71389+ 1 7.84920- 1 5.57855+ 1  57 3 18 1861
8.24920- 1 5.51644+ 1 8.64920- 1 5.54855+ 1 9.04920- 1 5.71319+ 1  57 3 18 1862
9.44920- 1 6.01990+ 1 9.84920- 1 6.46586+ 1 1.00000+ 0 6.75106+ 1  57 3 18 1863
1.00000+ 0 1.18560+ 1 1.05500+ 0 1.14300+ 1 1.07300+ 0 1.06400+ 1  57 3 18 1864
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1.09100+	0	9.29000+	0	1.18200+	0	-1.92900+	1	1.20000+	0	-2.35700+	1	57 3 18	1865
1.21800+	0	-2.50000+	1	1.23600+	0	-2.50000+	1	1.32700+	0	-1.42900+	1	57 3 18	1866
1.36400+	0	-1.21400+	1	1.45500+	0	-8.21000+	0	1.54500+	0	-6.07000+	0	57 3 18	1867
1.63600+	0	-4.64000+	0	1.72700+	0	-3.57000+	0	1.81800+	0	-2.86000+	0	57 3 18	1868
1.90900+	0	-2.14000+	0	2.00000+	0	-2.14000+	0	2.18200+	0	-1.43000+	0	57 3 18	1869
2.36400+	0	-7.10000-	1	2.45500+	0	-1.07000+	0	2.54500+	0	-1.79000+	0	57 3 18	1870
2.63600+	0	-3.57000+	0	2.69100+	0	-4.29000+	0	2.74500+	0	-4.29000+	0	57 3 18	1871
2.80000+	0	0.00000+	0	2.81800+	0	7.10000-	1	2.85500+	0	7.10000-	1	57 3 18	1872
2.92700+	0	-7.10000-	1	2.94500+	0	-7.10000-	1	3.01800+	0	3.57000+	0	57 3 18	1873
3.07200+	0	3.57000+	0	3.18200+	0	-3.57000+	0	3.21800+	0	-3.21000+	0	57 3 18	1874
3.27300+	0	-1.43000+	0	3.36400+	0	2.14000+	0	3.45500+	0	6.50000+	0	57 3 18	1875
3.49100+	0	7.10000+	0	3.54500+	0	8.00000+	0	3.58200+	0	2.50000+	0	57 3 18	1876
3.63600+	0	0.00000+	0	3.69100+	0	-6.98000+	0	3.72700+	0	-9.19000+	0	57 3 18	1877
3.81800+	0	-7.14000+	0	3.90900+	0	-5.36000+	0	4.00000+	0	-4.40000+	0	57 3 18	1878
4.09100+	0	-3.70000+	0	4.18200+	0	-3.14000+	0	4.36400+	0	-2.29000+	0	57 3 18	1879
4.54500+	0	-2.14000+	0	4.63600+	0	-1.79000+	0	4.72700+	0	-1.43000+	0	57 3 18	1880
4.78200+	0	0.00000+	0	4.80000+	0	7.10000-	1	4.83600+	0	7.10000-	1	57 3 18	1881
4.85500+	0	7.10000-	1	4.89100+	0	-1.43000+	0	4.90900+	0	-2.14000+	0	57 3 18	1882
4.94500+	0	-2.86000+	0	4.98100+	0	-2.86000+	0	5.09100+	0	-2.86000+	0	57 3 18	1883
5.14500+	0	-2.50000+	0	5.18200+	0	-2.14000+	0	5.27300+	0	-1.07000+	0	57 3 18	1884
5.30900+	0	-7.10000-	1	5.54500+	0	-7.10000-	1	5.65500+	0	-1.79000+	0	57 3 18	1885
5.72700+	0	-1.43000+	0	5.81800+	0	0.00000+	0	5.90900+	0	1.64000+	0	57 3 18	1886
6.00000+	0	2.86000+	0	6.09100+	0	2.50000+	0	6.16400+	0	1.43000+	0	57 3 18	1887
6.21800+	0	-1.79000+	0	6.25500+	0	-1.79000+	0	6.29100+	0	0.00000+	0	57 3 18	1888
6.41800+	0	0.00000+	0	6.45500+	0	-2.86000+	0	6.49100+	0	-5.00000+	0	57 3 18	1889
6.54500+	0	-5.00000+	0	6.63600+	0	-4.28000+	0	6.72700+	0	-3.71000+	0	57 3 18	1890
6.81800+	0	-2.14000+	0	6.98200+	0	0.00000+	0	7.18200+	0	0.00000+	0	57 3 18	1891
7.29100+	0	-3.57000+	0	7.81800+	0	-3.93000+	0	8.00000+	0	-4.29000+	0	57 3 18	1892
8.18100+	0	-4.29000+	0	8.36300+	0	-3.93000+	0	8.45300+	0	0.00000+	0	57 3 18	1893
8.92500+	0	0.00000+	0	9.01500+	0	2.14300+	1	9.05200+	0	2.50000+	1	57 3 18	1894
9.10600+	0	2.50000+	1	9.17900+	0	1.00000+	1	9.23300+	0	0.00000+	0	57 3 18	1895
9.30600+	0	0.00000+	0	9.36000+	0	0.00000+	0	9.43200+	0	1.00000+	1	57 3 18	1896
9.45100+	0	1.14300+	1	9.50500+	0	1.00000+	1	9.54100+	0	8.21000+	0	57 3 18	1897
9.70400+	0	0.00000+	0	9.75900+	0	-2.14000+	0	9.99500+	0	-2.14000+	0	57 3 18	1898
1.00850+	1	-2.86000+	0	1.01760+	1	0.00000+	0	1.02670+	1	0.00000+	0	57 3 18	1899
1.03390+	1	2.14000+	0	1.04300+	1	2.14000+	0	1.06290+	1	-7.10000-	1	57 3 18	1900
1.07200+	1	-7.10000-	1	1.08110+	1	-3.60000-	1	1.09370+	1	-5.70000-	1	57 3 18	1901
1.09920+	1	0.00000+	0	1.12640+	1	3.00000+	0	1.14090+	1	2.75000+	0	57 3 18	1902
1.14450+	1	2.88000+	0	1.14810+	1	2.90000+	0	1.15540+	1	0.00000+	0	57 3 18	1903
1.18620+	1	0.00000+	0	1.18980+	1	2.70000+	0	1.20000+	1	5.40000+	0	57 3 18	1904
1.20910+	1	7.43000+	0	1.21450+	1	1.13500+	1	1.22000+	1	1.00000+	1	57 3 18	1905
1.23500+	1	0.00000+	0	1.24900+	1	0.00000+	0	1.25440+	1	0.00000+	0	57 3 18	1906
1.40850+	1	0.00000+	0	1.42670+	1	2.86000+	0	1.43570+	1	5.71000+	0	57 3 18	1907
1.44120+	1	5.71000+	0	1.44480+	1	4.71000+	0	1.46110+	1	-5.50000+	0	57 3 18	1908
1.46470+	1	-5.50000+	0	1.47370+	1	-3.57000+	0	1.49010+	1	-5.00000-	1	57 3 18	1909
1.50000+	1	-7.10000-	1	1.50910+	1	0.00000+	0	1.51820+	1	7.10000-	1	57 3 18	1910
1.52730+	1	0.00000+	0	1.53640+	1	0.00000+	0	1.54550+	1	0.00000+	0	57 3 18	1911
1.55450+	1	-1.43000+	0	1.56360+	1	-3.58000+	0	1.57270+	1	-3.57000+	0	57 3 18	1912
1.58180+	1	-2.50000+	0	1.59090+	1	-1.21000+	0	1.60000+	1	0.00000+	0	57 3 18	1913
1.60910+	1	0.00000+	0	1.61820+	1	0.00000+	0	1.62730+	1	-3.58000+	0	57 3 18	1914
1.63640+	1	-6.45000+	0	1.64360+	1	-6.43000+	0	1.64910+	1	-6.43000+	0	57 3 18	1915
1.65450+	1	-4.29000+	0	1.66360+	1	0.00000+	0	1.67270+	1	0.00000+	0	57 3 18	1916
1.68180+	1	1.43000+	0	1.69090+	1	3.93000+	0	1.69450+	1	4.29000+	0	57 3 18	1917
1.70000+	1	3.57000+	0	1.70910+	1	2.86000+	0	1.71810+	1	1.43000+	0	57 3 18	1918
1.72730+	1	7.10000-	1	1.73640+	1	0.00000+	0	1.74550+	1	0.00000+	0	57 3 18	1919
1.75450+	1	-7.10000-	1	1.76360+	1	-1.07000+	0	1.77270+	1	-1.43000+	0	57 3 18	1920
1.78180+	1	-1.86000+	0	1.79090+	1	-7.10000-	1	1.80910+	1	0.00000+	0	57 3 18	1921
1.81820+	1	0.00000+	0	1.82730+	1	0.00000+	0	1.83640+	1	3.57000+	0	57 3 18	1922
1.84550+	1	3.93000+	0	1.85450+	1	3.57000+	0	1.86360+	1	2.86000+	0	57 3 18	1923
1.87270+	1	2.14000+	0	1.88180+	1	1.43000+	0	1.89090+	1	1.07000+	0	57 3 18	1924
1.90000+	1	0.00000+	0	1.93810+	1	0.00000+	0	1.94360+	1	2.86000+	0	57 3 18	1925
1.94550+	1	7.14000+	0	1.94910+	1	1.42900+	1	1.95090+	1	1.71400+	1	57 3 18	1926
1.95270+	1	1.71400+	1	1.95450+	1	1.57100+	1	1.96180+	1	1.07100+	1	57 3 18	1927
1.96720+	1	8.29000+	0	1.97270+	1	6.43000+	0	1.98180+	1	4.29000+	0	57 3 18	1928
1.99090+	1	2.50000+	0	2.00000+	1	7.10000-	1	2.00910+	1	0.00000+	0	57 3 18	1929
2.02730+	1	-7.10000-	1	2.09090+	1	-7.10000-	1	2.10000+	1	-7.10000-	1	57 3 18	1930
2.10360+	1	-1.00000+	0	2.10910+	1	-1.00000+	0	2.11270+	1	-1.10000+	0	57 3 18	1931
2.11820+	1	-1.20000+	0	2.12180+	1	-1.30000+	0	2.12640+	1	-1.35000+	0	57 3 18	1932
2.13640+	1	-1.43000+	0	2.14000+	1	-2.15000+	0	2.14550+	1	-2.15000+	0	57 3 18	1933
2.15450+	1	-2.80000+	0	2.17270+	1	-3.45000+	0	2.19090+	1	-2.87000+	0	57 3 18	1934
2.20910+	1	-2.51000+	0	2.22730+	1	-1.79000+	0	2.24550+	1	-1.07000+	0	57 3 18	1935
2.26360+	1	0.00000+	0	2.28180+	1	0.00000+	0	2.30000+	1	0.00000+	0	57 3 18	1936

2.31150+	1	4.00000-	1	2.32300+	1	3.60000-	1	2.34600+	1	1.80000-	1	57	3	18	1937
2.36900+	1	9.00000-	2	2.38740+	1	0.00000+	0	2.40110+	1	-4.64000+	0	57	3	18	1938
2.41030+	1	-4.65000+	0	2.43790+	1	2.73000+	0	2.46090+	1	9.00000+	0	57	3	18	1939
2.48390+	1	4.64000+	0	2.50690+	1	-4.50000-	1	2.51610+	1	-4.50000-	1	57	3	18	1940
2.53450+	1	1.82000+	0	2.55290+	1	0.00000+	0	2.55750+	1	0.00000+	0	57	3	18	1941
2.57130+	1	0.00000+	0	2.58510+	1	-4.55000+	0	2.60340+	1	-1.09100+	1	57	3	18	1942
2.61260+	1	-1.09100+	1	2.62180+	1	-7.73000+	0	2.64480+	1	0.00000+	0	57	3	18	1943
2.65400+	1	0.00000+	0	2.70000+	1	0.00000+	0	2.71380+	1	0.00000+	0	57	3	18	1944
2.73680+	1	0.00000+	0	2.74140+	1	0.00000+	0	2.75980+	1	0.00000+	0	57	3	18	1945
2.78280+	1	0.00000+	0	2.80570+	1	0.00000+	0	2.82870+	1	0.00000+	0	57	3	18	1946
2.84250+	1	0.00000+	0	2.85170+	1	4.50000-	1	2.87470+	1	4.50000-	1	57	3	18	1947
2.89770+	1	4.50000-	1	2.92070+	1	4.50000-	1	2.94370+	1	4.50000-	1	57	3	18	1948
2.96670+	1	0.00000+	0	2.98970+	1	-1.80000-	1	3.00000+	1	-3.60000-	1	57	3	18	1949
3.02290+	1	-4.50000-	1	3.04570+	1	0.00000+	0	3.06860+	1	0.00000+	0	57	3	18	1950
3.07770+	1	0.00000+	0	3.09140+	1	0.00000+	0	3.09600+	1	-8.20000-	1	57	3	18	1951
3.10970+	1	-2.18000+	0	3.11430+	1	-2.36000+	0	3.13710+	1	-1.82000+	0	57	3	18	1952
3.16000+	1	-9.10000-	1	3.16910+	1	-7.30000-	1	3.18290+	1	0.00000+	0	57	3	18	1953
3.21940+	1	0.00000+	0	3.22860+	1	0.00000+	0	3.25140+	1	-2.73000+	0	57	3	18	1954
3.27430+	1	-3.18000+	0	3.29710+	1	-3.18000+	0	3.32000+	1	-2.27000+	0	57	3	18	1955
3.35200+	1	0.00000+	0	3.36110+	1	0.00000+	0	3.37490+	1	0.00000+	0	57	3	18	1956
3.38860+	1	0.00000+	0	3.41140+	1	0.00000+	0	3.43430+	1	0.00000+	0	57	3	18	1957
3.44340+	1	0.00000+	0	3.44800+	1	2.72700+	1	3.45260+	1	3.27300+	1	57	3	18	1958
3.45710+	1	3.36300+	1	3.46170+	1	2.90900+	1	3.46630+	1	1.63600+	1	57	3	18	1959
3.47090+	1	8.18000+	0	3.47540+	1	4.54000+	0	3.48460+	1	0.00000+	0	57	3	18	1960
3.48910+	1	0.00000+	0	3.50290+	1	0.00000+	0	3.52570+	1	0.00000+	0	57	3	18	1961
3.54860+	1	0.00000+	0	3.57140+	1	0.00000+	0	3.59430+	1	0.00000+	0	57	3	18	1962
3.66290+	1	0.00000+	0	3.68570+	1	-9.10000-	1	3.70860+	1	-1.50000+	0	57	3	18	1963
3.73140+	1	0.00000+	0	3.75430+	1	7.30000-	1	3.77710+	1	9.10000-	1	57	3	18	1964
3.80000+	1	8.20000-	1	3.82290+	1	7.30000-	1	3.84570+	1	5.50000-	1	57	3	18	1965
3.86860+	1	-3.60000-	1	3.89140+	1	-2.18000+	0	3.91430+	1	-4.55000+	0	57	3	18	1966
3.92340+	1	-5.00000+	0	3.92800+	1	0.00000+	0	3.93710+	1	0.00000+	0	57	3	18	1967
3.98290+	1	0.00000+	0	3.99660+	1	0.00000+	0	4.01940+	1	-1.82000+	0	57	3	18	1968
4.05140+	1	0.00000+	0	4.06970+	1	2.72000+	0	4.07430+	1	3.45000+	0	57	3	18	1969
4.07890+	1	3.64000+	0	4.09710+	1	2.73000+	0	4.12000+	1	0.00000+	0	57	3	18	1970
4.14290+	1	0.00000+	0	4.15660+	1	0.00000+	0	4.16570+	1	-9.10000-	1	57	3	18	1971
4.17940+	1	-9.10000-	1	4.19770+	1	2.73000+	0	4.21140+	1	1.82000+	0	57	3	18	1972
4.22970+	1	0.00000+	0	4.23890+	1	2.73000+	0	4.25710+	1	2.73000+	0	57	3	18	1973
4.27090+	1	-9.10000-	1	4.28000+	1	-9.10000-	1	4.28910+	1	1.82000+	0	57	3	18	1974
4.30290+	1	1.82000+	0	4.32110+	1	0.00000+	0	4.33030+	1	0.00000+	0	57	3	18	1975
4.34860+	1	0.00000+	0	4.36690+	1	0.00000+	0	4.38060+	1	-1.82000+	0	57	3	18	1976
4.40340+	1	1.82000+	0	4.41710+	1	2.27000+	0	4.44000+	1	1.64000+	0	57	3	18	1977
4.46290+	1	0.00000+	0	4.48570+	1	-1.80000-	1	4.50860+	1	0.00000+	0	57	3	18	1978
4.53140+	1	-6.30000-	1	4.55430+	1	-5.50000-	1	4.57710+	1	-7.30000-	1	57	3	18	1979
4.60000+	1	-1.00000+	0	4.61810+	1	-1.43000+	0	4.63630+	1	-7.10000-	1	57	3	18	1980
4.65440+	1	0.00000+	0	4.67260+	1	0.00000+	0	4.72700+	1	0.00000+	0	57	3	18	1981
4.74510+	1	7.20000-	1	4.76330+	1	2.14000+	0	4.77410+	1	2.71000+	0	57	3	18	1982
4.78870+	1	0.00000+	0	4.86120+	1	0.00000+	0	4.90110+	1	0.00000+	0	57	3	18	1983
4.91200+	1	2.86000+	0	4.91930+	1	2.86000+	0	4.93380+	1	0.00000+	0	57	3	18	1984
4.95560+	1	0.00000+	0	4.96640+	1	2.14000+	0	4.97730+	1	2.14000+	0	57	3	18	1985
4.99550+	1	0.00000+	0	5.01720+	1	0.00000+	0	5.10050+	1	0.00000+	0	57	3	18	1986
5.34380+	1	0.00000+	0	5.36190+	1	2.86000+	0	5.38000+	1	3.57000+	0	57	3	18	1987
5.40000+	1	1.43000+	0	5.41810+	1	0.00000+	0	5.43630+	1	0.00000+	0	57	3	18	1988
5.45440+	1	0.00000+	0	5.47260+	1	0.00000+	0	5.49070+	1	0.00000+	0	57	3	18	1989
5.50880+	1	0.00000+	0	5.52700+	1	0.00000+	0	5.59950+	1	0.00000+	0	57	3	18	1990
5.61770+	1	5.00000+	0	5.62860+	1	7.86000+	0	5.63580+	1	5.00000+	0	57	3	18	1991
5.64310+	1	0.00000+	0	5.66490+	1	0.00000+	0	5.67940+	1	5.00000+	0	57	3	18	1992
5.69020+	1	2.86000+	0	5.71200+	1	-7.10000-	1	5.72650+	1	-1.29000+	0	57	3	18	1993
5.76280+	1	-1.29000+	0	5.78100+	1	0.00000+	0	5.79910+	1	0.00000+	0	57	3	18	1994
5.81720+	1	0.00000+	0	5.83170+	1	-2.50000+	0	5.83900+	1	-2.00000+	0	57	3	18	1995
5.88250+	1	0.00000+	0	5.90070+	1	1.40000+	0	5.91160+	1	1.40000+	0	57	3	18	1996
5.94420+	1	7.00000-	1	5.96240+	1	3.50000-	1	5.98050+	1	0.00000+	0	57	3	18	1997
6.01680+	1	0.00000+	0	6.03490+	1	0.00000+	0	6.08930+	1	0.00000+	0	57	3	18	1998
6.40320+	1	0.00000+	0	6.41410+	1	0.00000+	0	6.42490+	1	0.00000+	0	57	3	18	1999
6.43220+	1	0.00000+	0	6.44310+	1	0.00000+	0	6.45400+	1	0.00000+	0	57	3	18	2000
6.46490+	1	0.00000+	0	6.47210+	1	0.00000+	0	6.49020+	1	0.00000+	0	57	3	18	2001
6.52650+	1	0.00000+	0	6.54470+	1	0.00000+	0	6.56280+	1	0.00000+	0	57	3	18	2002
6.57730+	1	0.00000+	0	6.58820+	1	0.00000+	0	6.59910+	1	0.00000+	0	57	3	18	2003
6.61000+	1	0.00000+	0	6.61720+	1	0.00000+	0	6.63540+	1	0.00000+	0	57	3	18	2004
6.64630+	1	0.00000+	0	6.65710+	1	0.00000+	0	6.68250+	1	0.00000+	0	57	3	18	2005
6.76240+	1	0.00000+	0	6.78050+	1	0.00000+	0	6.81680+	1	0.00000+	0	57	3	18	2006
6.85310+	1	0.00000+	0	6.94000+	1	0.00000+	0	6.96190+	1	3.00000+	0	57	3	18	2007

6.98000+	1	4.10000+	0	7.00000+	1	4.14000+	0	7.01810+	1	0.00000+	0	57	3	18 2008
7.15600+	1	0.00000+	0	7.18140+	1	-2.86000+	0	7.19230+	1	-3.93000+	0	57	3	18 2009
7.19950+	1	-3.93000+	0	7.20680+	1	-3.57000+	0	7.21040+	1	-2.14000+	0	57	3	18 2010
7.21770+	1	0.00000+	0	7.23220+	1	0.00000+	0	7.25030+	1	0.00000+	0	57	3	18 2011
7.26850-	1	6.79000+	0	7.27210+	1	4.00000+	0	7.28300+	1	1.40000+	0	57	3	18 2012
7.29020+	1	3.60000-	1	7.29750+	1	0.00000+	0	7.30840+	1	0.00000+	0	57	3	18 2013
7.39910+	1	0.00000+	0	7.44260+	1	0.00000+	0	7.45710+	1	3.57000+	0	57	3	18 2014
7.47890+	1	1.67900+	1	7.48250+	1	1.67900+	1	7.48620+	1	1.42900+	1	57	3	18 2015
7.48980+	1	9.29000+	0	7.49340+	1	7.50000+	0	7.49710+	1	5.71000+	0	57	3	18 2016
7.50430+	1	3.21000+	0	7.50790+	1	2.14000+	0	7.51880+	1	0.00000+	0	57	3	18 2017
7.60230+	1	-1.00000+	0	7.61680+	1	-1.20000+	0	7.67480+	1	0.00000+	0	57	3	18 2018
7.69660+	1	0.00000+	0	7.71110+	1	0.00000+	0	7.75620+	1	0.00000+	0	57	3	18 2019
7.76190+	1	0.00000+	0	7.83000+	1	0.00000+	0	7.83630+	1	5.00000+	0	57	3	18 2020
7.85440+	1	6.10000+	0	7.87260+	1	5.00000+	0	7.89070+	1	4.50000+	0	57	3	18 2021
7.90880+	1	3.20000+	0	7.92700+	1	2.14000+	0	7.94510+	1	0.00000+	0	57	3	18 2022
7.98140+	1	0.00000+	0	7.99950+	1	2.32000+	0	8.00680+	1	2.32000+	0	57	3	18 2023
8.02490+	1	0.00000+	0	8.04670+	1	0.00000+	0	8.07570+	1	2.00000+	0	57	3	18 2024
8.08660+	1	2.10000+	0	8.09750+	1	2.00000+	0	8.10840+	1	1.50000+	0	57	3	18 2025
8.13380+	1	0.00000+	0	8.15190+	1	0.00000+	0	8.16280+	1	0.00000+	0	57	3	18 2026
8.18100+	1	1.50000+	0	8.20000+	1	1.50000+	0	8.20000+	1	0.00000+	0	57	3	18 2027
1.00000+	3	0.00000+	0	1.30000+	4	0.00000+	0	2.50000+	4	0.00000+	0	57	3	18 2028
2.50000+	4	2.28280+	0	2.53000+	4	2.27000+	0	2.57000+	4	2.15000+	0	57	3	18 2029
2.62000+	4	2.35000+	0	2.65000+	4	2.20000+	0	2.72000+	4	2.25000+	0	57	3	18 2030
2.75000+	4	2.36000+	0	2.83000+	4	2.37000+	0	2.88000+	4	2.60000+	0	57	3	18 2031
2.93000+	4	2.10000+	0	2.98000+	4	2.25000+	0	3.00000+	4	2.26100+	0	57	3	18 2032
3.11000+	4	2.32000+	0	3.13000+	4	2.50000+	0	3.18000+	4	2.25000+	0	57	3	18 2033
3.21000+	4	2.26000+	0	3.25000+	4	2.13000+	0	3.28000+	4	2.21000+	0	57	3	18 2034
3.42000+	4	2.20000+	0	3.45000+	4	2.15000+	0	3.50000+	4	2.23000+	0	57	3	18 2035
3.62000+	4	2.19000+	0	3.65000+	4	2.12000+	0	3.70000+	4	2.18000+	0	57	3	18 2036
3.79000+	4	2.05000+	0	3.87000+	4	2.22000+	0	3.91000+	4	2.18000+	0	57	3	18 2037
3.94000+	4	2.12000+	0	4.00000+	4	2.24000+	0	4.04000+	4	2.32000+	0	57	3	18 2038
4.10000+	4	2.16000+	0	4.15000+	4	2.00000+	0	4.20000+	4	2.09000+	0	57	3	18 2039
4.30000+	4	2.05000+	0	4.36000+	4	1.96000+	0	4.38000+	4	2.02000+	0	57	3	18 2040
4.43000+	4	2.01000+	0	4.48000+	4	1.94000+	0	4.50000+	4	1.90490+	0	57	3	18 2041
4.52000+	4	1.87000+	0	4.54000+	4	1.96000+	0	4.60000+	4	1.97000+	0	57	3	18 2042
4.62000+	4	2.03000+	0	4.65000+	4	2.05000+	0	4.68000+	4	1.89000+	0	57	3	18 2043
4.73000+	4	2.02000+	0	4.76000+	4	1.96000+	0	4.82000+	4	1.98000+	0	57	3	18 2044
4.84000+	4	2.04000+	0	4.88000+	4	2.05000+	0	4.90000+	4	2.02000+	0	57	3	18 2045
5.00000+	4	2.00330+	0	5.02000+	4	2.00000+	0	5.05000+	4	1.93000+	0	57	3	18 2046
5.09000+	4	2.04000+	0	5.12000+	4	2.02000+	0	5.15000+	4	1.96000+	0	57	3	18 2047
5.22000+	4	2.08000+	0	5.25000+	4	1.98000+	0	5.35000+	4	2.02000+	0	57	3	18 2048
5.39000+	4	1.98000+	0	5.42000+	4	1.91000+	0	5.46000+	4	1.92000+	0	57	3	18 2049
5.50000+	4	2.00000+	0	5.53000+	4	1.95000+	0	5.57000+	4	1.94000+	0	57	3	18 2050
5.61000+	4	1.91000+	0	5.67000+	4	1.98000+	0	5.71000+	4	1.98000+	0	57	3	18 2051
5.76000+	4	2.02000+	0	5.79000+	4	1.94000+	0	5.83000+	4	1.92000+	0	57	3	18 2052
5.87000+	4	1.86000+	0	5.91000+	4	1.96000+	0	5.92000+	4	2.07000+	0	57	3	18 2053
5.98000+	4	2.04000+	0	6.00000+	4	1.99590+	0	6.03000+	4	1.93000+	0	57	3	18 2054
6.12000+	4	1.96000+	0	6.15000+	4	1.90000+	0	6.20000+	4	1.95000+	0	57	3	18 2055
6.25000+	4	1.94000+	0	6.29000+	4	1.85000+	0	6.32000+	4	1.78000+	0	57	3	18 2056
6.42000+	4	1.77000+	0	6.47000+	4	1.87000+	0	6.50000+	4	1.89250+	0	57	3	18 2057
6.51000+	4	1.90000+	0	6.61000+	4	1.90000+	0	6.65000+	4	1.85000+	0	57	3	18 2058
6.70000+	4	1.89000+	0	6.74000+	4	1.85000+	0	6.80000+	4	1.84000+	0	57	3	18 2059
6.83000+	4	1.89000+	0	6.89000+	4	1.85000+	0	6.94000+	4	1.92000+	0	57	3	18 2060
7.00000+	4	1.89330+	0	7.03000+	4	1.88000+	0	7.09000+	4	1.90000+	0	57	3	18 2061
7.20000+	4	1.85000+	0	7.25000+	4	1.80000+	0	7.31000+	4	1.81000+	0	57	3	18 2062
7.37000+	4	1.76000+	0	7.41000+	4	1.79000+	0	7.48000+	4	1.87000+	0	57	3	18 2063
7.50000+	4	1.86200+	0	7.53000+	4	1.85000+	0	7.58000+	4	1.88000+	0	57	3	18 2064
7.65000+	4	1.89000+	0	7.70000+	4	1.79000+	0	7.76000+	4	1.66000+	0	57	3	18 2065
7.84000+	4	1.65000+	0	7.89000+	4	1.72000+	0	7.94000+	4	1.78000+	0	57	3	18 2066
8.00000+	4	1.80000+	0	8.07000+	4	1.80000+	0	8.20000+	4	1.78000+	0	57	3	18 2067
8.27000+	4	1.76500+	0	8.33000+	4	1.74500+	0	8.40000+	4	1.82000+	0	57	3	18 2068
8.47000+	4	1.76500+	0	8.50000+	4	1.75250+	0	8.53000+	4	1.74000+	0	57	3	18 2069
8.61000+	4	1.66000+	0	8.68000+	4	1.63500+	0	8.75000+	4	1.65000+	0	57	3	18 2070
8.83000+	4	1.78000+	0	8.90000+	4	1.73000+	0	9.00000+	4	1.71460+	0	57	3	18 2071
9.03000+	4	1.71000+	0	9.12000+	4	1.66000+	0	9.28000+	4	1.66000+	0	57	3	18 2072
9.36000+	4	1.70000+	0	9.44000+	4	1.56000+	0	9.50000+	4	1.71770+	0	57	3	18 2073
9.52000+	4	1.77000+	0	9.60000+	4	1.74500+	0	9.68000+	4	1.67000+	0	57	3	18 2074
9.77000+	4	1.64000+	0	9.85000+	4	1.67500+	0	9.93000+	4	1.75000+	0	57	3	18 2075
9.99000+	4	1.73000+	0	1.00000+	5	1.63500+	0	1.03000+	5	1.62450+	0	57	3	18 2076
1.20000+	5	1.57000+	0	1.35000+	5	1.52900+	0	1.40000+	5	1.51760+	0	57	3	18 2077
1.50000+	5	1.49600+	0	1.60000+	5	1.47800+	0	1.73000+	5	1.44150+	0	57	3	18 2078

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1.80000+ 5 1.42300+ 0 2.00000+ 5 1.38700+ 0 2.07000+ 5 1.37370+ 0  57 3 18 2079
2.15000+ 5 1.35900+ 0 2.20000+ 5 1.34940+ 0 2.25000+ 5 1.34000+ 0  57 3 18 2080
2.35000+ 5 1.32680+ 0 2.40000+ 5 1.32040+ 0 2.50000+ 5 1.30800+ 0  57 3 18 2081
2.60000+ 5 1.30350+ 0 2.70000+ 5 1.29920+ 0 2.80000+ 5 1.29500+ 0  57 3 18 2082
3.00000+ 5 1.28000+ 0 3.20000+ 5 1.24290+ 0 3.25000+ 5 1.23400+ 0  57 3 18 2083
3.40000+ 5 1.22850+ 0 3.50000+ 5 1.22500+ 0 3.60000+ 5 1.22360+ 0  57 3 18 2084
3.80000+ 5 1.22100+ 0 4.00000+ 5 1.21800+ 0 4.20000+ 5 1.20930+ 0  57 3 18 2085
4.40000+ 5 1.20100+ 0 4.50000+ 5 1.19700+ 0 4.60000+ 5 1.19140+ 0  57 3 18 2086
4.70000+ 5 1.18590+ 0 4.80000+ 5 1.18050+ 0 5.00000+ 5 1.17000+ 0  57 3 18 2087
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5.60000+ 5 1.15600+ 0 5.70000+ 5 1.15490+ 0 5.80000+ 5 1.15390+ 0  57 3 18 2089
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6.50000+ 5 1.14400+ 0 6.60000+ 5 1.14250+ 0 6.70000+ 5 1.14100+ 0  57 3 18 2091
6.80000+ 5 1.13900+ 0 7.00000+ 5 1.13500+ 0 7.20000+ 5 1.13100+ 0  57 3 18 2092
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1.40000+ 7 2.13000+ 0 1.45000+ 7 2.15000+ 0 1.50000+ 7 2.16000+ 0  57 3 18 2133
                                                                   57 3  0 2134
9.22350+ 4 2.33025+ 2          0          1          0          0  57 3 51 2135
0.00000+ 0-1.29400+ 4          0          0          1         22  57 3 51 2136
         22         2                                               57 3 51 2137
1.30000+ 4 0.00000+ 0 5.00000+ 4 4.00000- 2 8.40000+ 4 4.50000- 2  57 3 51 2138
1.00000+ 5 5.00000- 2 1.03000+ 5 5.00000- 2 1.50000+ 5 5.00000- 2  57 3 51 2139
1.73000+ 5 5.00100- 2 2.00000+ 5 4.90000- 2 2.35000+ 5 4.80000- 2  57 3 51 2140
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5.00000+ 5 2.00000- 2 5.50000+ 5 1.50000- 2 6.00000+ 5 1.00000- 2  57 3 51 2143
6.50000+ 5 5.00000- 3 7.00000+ 5 1.00000- 3 7.50000+ 5 0.00000+ 0  57 3 51 2144
1.50000+ 7 0.00000+ 0                                              57 3 51 2145
                                                                   57 3  0 2146
9.22350+ 4 2.33025+ 2          0          2          0          0  57 3 52 2147
0.00000+ 0-4.96000+ 4          0          0          1         53  57 3 52 2148
         53         2                                               57 3 52 2149
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2.70000+ 5 3.50010- 1 3.00000+ 5 3.50000- 1 3.50000+ 5 3.50000- 1  57 3 52 2153
4.00000+ 5 3.50020- 1 4.50000+ 5 3.50010- 1 5.00000+ 5 3.50000- 1  57 3 52 2154
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1.00000+ 7 6.00000- 3 1.05000+ 7 6.00000- 3 1.10000+ 7 6.00000- 3  57 3 52 2164
1.15000+ 7 6.00000- 3 1.20000+ 7 6.00000- 3 1.25000+ 7 6.00000- 3  57 3 52 2165
1.30000+ 7 6.00000- 3 1.35000+ 7 6.00000- 3 1.40000+ 7 6.00000- 3  57 3 52 2166
1.45000+ 7 6.00000- 3 1.50000+ 7 6.00000- 3                        57 3 52 2167
                                                                   57 3  0 2168
9.22350+ 4 2.33025+ 2          0          3          0          0  57 3 53 2169
0.00000+ 0-8.36000+ 4          0          0          1         33  57 3 53 2170
        33         2                                               57 3 53 2171
8.40000+ 4 0.00000+ 0 1.00000+ 5 3.00000- 2 1.03000+ 5 4.80000- 2  57 3 53 2172
1.50000+ 5 1.00000- 1 1.73000+ 5 1.20000- 1 2.00000+ 5 1.40000- 1  57 3 53 2173
2.35000+ 5 1.50000- 1 2.50000+ 5 1.50000- 1 2.70000+ 5 1.50000- 1  57 3 53 2174
3.00000+ 5 1.50010- 1 3.50000+ 5 1.49990- 1 4.00000+ 5 1.50000- 1  57 3 53 2175
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4.50000+ 6 5.00000- 3 5.00000+ 6 0.00000+ 0 1.50000+ 7 0.00000+ 0  57 3 53 2182
                                                                   57 3  0 2183
9.22350+ 4 2.33025+ 2          0          4          0          0  57 3 54 2184
0.00000+ 0-1.02500+ 5          0          0          1         31  57 3 54 2185
        31         2                                               57 3 54 2186
1.03000+ 5 0.00000+ 0 1.50000+ 5 3.00000- 2 1.73000+ 5 4.00000- 2  57 3 54 2187
2.00000+ 5 5.00000- 2 2.35000+ 5 5.00000- 2 2.50000+ 5 5.00000- 2  57 3 54 2188
2.70000+ 5 5.00000- 2 3.00000+ 5 5.00000- 2 3.50000+ 5 5.00000- 2  57 3 54 2189
4.00000+ 5 5.00000- 2 4.50000+ 5 5.00000- 2 5.00000+ 5 5.00000- 2  57 3 54 2190
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7.00000+ 5 5.00000- 2 7.50000+ 5 4.00000- 2 8.00000+ 5 4.00000- 2  57 3 54 2192
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2.50000+ 6 2.00000- 2 3.00000+ 6 2.00000- 2 3.50000+ 6 1.00000- 2  57 3 54 2195
4.00000+ 6 1.00000- 2 4.50000+ 6 5.00000- 3 5.00000+ 6 0.00000+ 0  57 3 54 2196
1.50000+ 7 0.00000+ 0                                              57 3 54 2197
                                                                   57 3  0 2198
9.22350+ 4 2.33025+ 2          0          5          0          0  57 3 55 2199
0.00000+ 0-1.49200+ 5          0          0          1         30  57 3 55 2200
        30         2                                               57 3 55 2201
1.50000+ 5 0.00000+ 0 1.73000+ 5 2.00000- 2 2.00000+ 5 5.00000- 2  57 3 55 2202
2.35000+ 5 5.00000- 2 2.50000+ 5 5.00000- 2 2.70000+ 5 5.00000- 2  57 3 55 2203
3.00000+ 5 5.00000- 2 3.50000+ 5 5.00000- 2 4.00000+ 5 5.00000- 2  57 3 55 2204
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6.00000+ 5 5.00000- 2 6.50000+ 5 5.00000- 2 7.00000+ 5 5.00000- 2  57 3 55 2206
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1.50000+ 6 3.00000- 2 2.00000+ 6 2.00000- 2 2.50000+ 6 2.00000- 2  57 3 55 2209
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4.50000+ 6 5.00000- 3 5.00000+ 6 0.00000+ 0 1.50000+ 7 0.00000+ 0  57 3 55 2211
                                                                   57 3  0 2212
9.22350+ 4 2.33025+ 2          0          6          0          0  57 3 56 2213
0.00000+ 0-1.72000+ 5          0          0          1         29  57 3 56 2214
        29         2                                               57 3 56 2215
1.73000+ 5 0.00000+ 0 2.00000+ 5 1.00000- 3 2.35000+ 5 2.60000- 2  57 3 56 2216
2.50000+ 5 5.00000- 2 2.70000+ 5 8.00000- 2 3.00000+ 5 1.00000- 1  57 3 56 2217
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5.00000+ 6 0.00000+ 0 1.50000+ 7 0.00000+ 0                        57 3 56 2225
                                                                   57 3  0 2226
9.22350+ 4 2.33025+ 2          0          7          0          0  57 3 57 2227
0.00000+ 0-2.34000+ 5          0          0          1         27  57 3 57 2228
        27         2                                               57 3 57 2229
2.35000+ 5 0.00000+ 0 2.50000+ 5 3.00000- 2 2.70000+ 5 4.00000- 2  57 3 57 2230
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                                                                   57 3  0 2239
9.22350+ 4 2.33025+ 2          0          8          0          0  57 3 58 2240
0.00000+ 0-2.68000+ 5          0          0          1         25  57 3 58 2241
        25         2                                               57 3 58 2242
2.70000+ 5 0.00000+ 0 3.00000+ 5 2.00000- 2 3.50000+ 5 4.00000- 2  57 3 58 2243
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1.50000+ 7 0.00000+ 0                                              57 3 58 2251
                                                                   57 3  0 2252
9.22350+ 4 2.33025+ 2          0          9          0          0  57 3 59 2253
0.00000+ 0-3.98000+ 5          0          0          1         23  57 3 59 2254
        23         2                                               57 3 59 2255
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                                                                   57 3  0 2264
9.22350+ 4 2.33025+ 2          0         10          0          0  57 3 60 2265
0.00000+ 0-5.97000+ 5          0          0          1         21  57 3 60 2266
        21         2                                               57 3 60 2267
6.00000+ 5 0.00000+ 0 6.50000+ 5 1.00000- 1 7.00000+ 5 2.20000- 1  57 3 60 2268
7.50000+ 5 3.20000- 1 8.00000+ 5 4.00000- 1 8.50000+ 5 5.00000- 1  57 3 60 2269
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                                                                   57 3  0 2275
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0.00000+ 0 0.00000+ 0          0          0          1         30  57 3 91 2277
        30         2                                               57 3 91 2278
9.50000+ 5 0.00000+ 0 1.00000+ 6 2.00000- 2 1.50000+ 6 3.30000- 1  57 3 91 2279
2.00000+ 6 5.80000- 1 2.50000+ 6 6.80000- 1 3.00000+ 6 9.60000- 1  57 3 91 2280
3.50000+ 6 1.27000+ 0 4.00000+ 6 1.45000+ 0 4.50000+ 6 1.65000+ 0  57 3 91 2281
5.00000+ 6 1.79716+ 0 5.50000+ 6 1.74630+ 0 6.00000+ 6 1.64070+ 0  57 3 91 2282
6.50000+ 6 1.35400+ 0 7.00000+ 6 1.08400+ 0 7.50000+ 6 8.24000- 1  57 3 91 2283
8.00000+ 6 6.24000- 1 8.50000+ 6 5.04000- 1 9.00000+ 6 4.64000- 1  57 3 91 2284
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1.10000+ 7 4.04000- 1 1.15000+ 7 3.94000- 1 1.20000+ 7 3.74000- 1  57 3 91 2286
1.25000+ 7 3.54000- 1 1.30000+ 7 3.44000- 1 1.35000+ 7 3.34000- 1  57 3 91 2287
1.40000+ 7 3.24000- 1 1.45000+ 7 3.14000- 1 1.50000+ 7 3.04000- 1  57 3 91 2288
                                                                   57 3  0 2289
9.22350+ 4 2.33025+ 2          0         99          0          0  57 3102 2290
0.00000+ 0 6.54510+ 6          0          0          3        840  57 3102 2291
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        51          5        526          2        840          5  57 3102 2292
1.00000- 5 5.45550+ 3 1.00000- 3 5.43925+ 2 5.00000- 3 2.40175+ 2  57 3102 2293
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4.00000- 2 7.50882+ 1 4.50000- 2 7.01150+ 1 5.00000- 2 6.58760+ 1  57 3102 2296
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8.50000- 2 4.83423+ 1 9.00000- 2 4.67564+ 1 9.50000- 2 4.53956+ 1  57 3102 2299
1.00000- 1 4.42795+ 1 1.40000- 1 3.87581+ 1 1.80000- 1 3.81315+ 1  57 3102 2300
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2.63340- 1 4.72165+ 1 2.83340- 1 4.84304+ 1 3.03340- 1 4.58949+ 1  57 3102 2302
3.23340- 1 3.94923+ 1 3.43340- 1 3.21793+ 1 3.63340- 1 2.64424+ 1  57 3102 2303
3.83340- 1 2.11392+ 1 4.03340- 1 1.73858+ 1 4.28120- 1 1.40592+ 1  57 3102 2304
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5.84920- 1 7.22639+ 0 6.24920- 1 6.51271+ 0 6.64920- 1 6.04289+ 0  57 3102 2306
7.04920- 1 5.74665+ 0 7.44920- 1 5.59637+ 0 7.84920- 1 5.57768+ 0  57 3102 2307
8.24920- 1 5.70181+ 0 8.64920- 1 6.00990+ 0 9.04920- 1 6.49606+ 0  57 3102 2308
9.44920- 1 7.27680+ 0 9.84920- 1 8.81136+ 0 1.00000+ 0 9.73622+ 0  57 3102 2309
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1.09100+ 0-1.46000+ 0 1.18200+ 0 7.10000- 1 1.20000+ 0 1.07000+ 0  57 3102 2311
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2.80000+ 0 1.43000+ 0 2.81800+ 0 1.07000+ 0 2.85500+ 0 0.00000+ 0  57 3102 2314
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5.84990+ 1 5.00000- 1 5.85710+ 1 0.00000+ 0 5.86800+ 1-3.00000- 1  57 3102 2433
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6.01680+	1	0.00000+	0	6.03490+	1	0.00000+	0	6.08930+	1	0.00000+	0	57	3102 2436
6.12560+	1	0.00000+	0	6.16190+	1	0.00000+	0	6.20000+	1	0.00000+	0	57	3102 2437
6.21810+	1	0.00000+	0	6.22900+	1	0.00000+	0	6.25440+	1	0.00000+	0	57	3102 2438
6.27260+	1	0.00000+	0	6.37410+	1	0.00000+	0	6.39230+	1	0.00000+	0	57	3102 2439
6.40320+	1	0.00000+	0	6.41410+	1	0.00000+	0	6.42490+	1	0.00000+	0	57	3102 2440
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6.76240+	1	0.00000+	0	6.78050+	1	0.00000+	0	6.81680+	1	0.00000+	0	57	3102 2443
6.85310+	1	0.00000+	0	6.94000+	1	0.00000+	0	6.96190+	1	0.00000+	0	57	3102 2444
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7.09070+	1	-2.14000+	0	7.10880+	1	-8.90000-	1	7.12700+	1	0.00000+	0	57	3102 2447
7.15600+	1	0.00000+	0	7.18140+	1	0.00000+	0	7.19230+	1	1.40000-	1	57	3102 2448
7.19950+	1	3.60000-	1	7.20680+	1	5.40000-	1	7.21040+	1	5.70000-	1	57	3102 2449
7.21770+	1	7.10000-	1	7.23220+	1	8.90000-	1	7.25030+	1	0.00000+	0	57	3102 2450
7.26850+	1	-1.32000+	0	7.27210+	1	-1.40000+	0	7.28300+	1	-1.40000+	0	57	3102 2451
7.29020+	1	-3.60000-	1	7.29750+	1	-3.00000-	1	7.30840+	1	-2.10000-	1	57	3102 2452
7.32650+	1	0.00000+	0	7.36280+	1	0.00000+	0	7.38100+	1	0.00000+	0	57	3102 2453
7.39910+	1	0.00000+	0	7.44260+	1	4.30000-	1	7.45710+	1	3.60000-	1	57	3102 2454
7.47890+	1	7.00000-	2	7.48250+	1	0.00000+	0	7.48620+	1	0.00000+	0	57	3102 2455
7.50430+	1	0.00000+	0	7.50790+	1	0.00000+	0	7.51880+	1	-3.60000-	1	57	3102 2456
7.54420+	1	-7.10000-	1	7.55870+	1	-7.10000-	1	7.58050+	1	0.00000+	0	57	3102 2457
7.60230+	1	1.00000+	0	7.61680+	1	1.10000+	0	7.67480+	1	0.00000+	0	57	3102 2458
7.69660+	1	0.00000+	0	7.71110+	1	0.00000+	0	7.75620+	1	0.00000+	0	57	3102 2459
7.76190+	1	0.00000+	0	7.83000+	1	0.00000+	0	7.83630+	1	7.10000-	1	57	3102 2460
7.85440+	1	8.00000-	1	7.87260+	1	8.00000-	1	7.89070+	1	7.00000-	1	57	3102 2461
7.90880+	1	3.00000-	1	7.92700+	1	2.00000-	1	7.94510+	1	0.00000+	0	57	3102 2462
8.02490+	1	0.00000+	0	8.04670+	1	0.00000+	0	8.07570+	1	1.00000+	0	57	3102 2463
8.08660+	1	1.00000+	0	8.09750+	1	5.00000-	1	8.10840+	1	2.00000-	1	57	3102 2464
8.13380+	1	0.00000+	0	8.15190+	1	0.00000+	0	8.16280+	1	0.00000+	0	57	3102 2465
8.18100+	1	5.00000-	1	8.20000+	1	1.00000+	0	8.20000+	1	0.00000+	0	57	3102 2466
1.00000+	3	0.00000+	0	1.30000+	4	0.00000+	0	2.50000+	4	0.00000+	0	57	3102 2467
2.50000+	4	8.39000-	1	2.53000+	4	8.37120-	1	2.57000+	4	8.34650-	1	57	3102 2468
2.62000+	4	8.31620-	1	2.65000+	4	8.29830-	1	2.72000+	4	8.25730-	1	57	3102 2469
2.75000+	4	8.24000-	1	2.83000+	4	8.21690-	1	2.88000+	4	8.20280-	1	57	3102 2470
2.93000+	4	8.18900-	1	2.98000+	4	8.17540-	1	3.00000+	4	8.17000-	1	57	3102 2471
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3.42000+	4	7.94930-	1	3.45000+	4	7.92690-	1	3.50000+	4	7.89000-	1	57	3102 2474
3.62000+	4	7.79230-	1	3.65000+	4	7.76840-	1	3.70000+	4	7.72890-	1	57	3102 2475
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3.94000+	4	7.55980-	1	4.00000+	4	7.52000-	1	4.04000+	4	7.48880-	1	57	3102 2477
4.10000+	4	7.44260-	1	4.15000+	4	7.40460-	1	4.20000+	4	7.36710-	1	57	3102 2478
4.30000+	4	7.29110-	1	4.36000+	4	7.24510-	1	4.38000+	4	7.22980-	1	57	3102 2479
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4.73000+	4	6.96480-	1	4.76000+	4	6.94840-	1	4.82000+	4	6.93860-	1	57	3102 2483
4.84000+	4	6.93540-	1	4.88000+	4	6.92890-	1	4.90000+	4	6.92580-	1	57	3102 2484
5.00000+	4	6.91000-	1	5.02000+	4	6.90670-	1	5.06000+	4	6.90020-	1	57	3102 2485
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0.00000+ 0 0.00000+ 0          0          0          1         38  57 3251 2575
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                                                                         57 4  0 2910
 9.22350+ 4 2.33025+ 2          0          2          0          0       57 4 56 2911
 0.00000+ 0 2.33025+ 2          0          2          0          0       57 4 56 2912
 0.00000+ 0 0.00000+ 0          0          0          1          2       57 4 56 2913
          2           2                                                  57 4 56 2914
 0.00000+ 0 1.73000+ 5          0          0          1          2       57 4 56 2915
          2           2                                                  57 4 56 2916
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                             57 4 56 2917
 0.00000+ 0 1.50000+ 7          0          0          1          2       57 4 56 2918
          2           2                                                  57 4 56 2919
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                             57 4 56 2920
                                                                         57 4  0 2921
 9.22350+ 4 2.33025+ 2          0          2          0          0       57 4 57 2922
 0.00000+ 0 2.33025+ 2          0          2          0          0       57 4 57 2923
 0.00000+ 0 0.00000+ 0          0          0          1          2       57 4 57 2924
          2           2                                                  57 4 57 2925
 0.00000+ 0 2.35000+ 5          0          0          1          2       57 4 57 2926
          2           2                                                  57 4 57 2927
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                             57 4 57 2928
 0.00000+ 0 1.50000+ 7          0          0          1          2       57 4 57 2929
          2           2                                                  57 4 57 2930
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                             57 4 57 2931
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                                                                                  57 4  0 2932
 9.22350+ 4 2.33025+ 2          0          2          0          0               57 4 58 2933
 0.00000+ 0 2.33025+ 2          0          2          0          0               57 4 58 2934
 0.00000+ 0 0.00000+ 0          0          0          1          2               57 4 58 2935
        2           2                                                             57 4 58 2936
 0.00000+ 0 2.70000+ 5          0          0          1          2               57 4 58 2937
        2           2                                                             57 4 58 2938
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 58 2939
 0.00000+ 0 1.50000+ 7          0          0          1          2               57 4 58 2940
        2           2                                                             57 4 58 2941
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 58 2942
                                                                                  57 4  0 2943
 9.22350+ 4 2.33025+ 2          0          2          0          0               57 4 59 2944
 0.00000+ 0 2.33025+ 2          0          2          0          0               57 4 59 2945
 0.00000+ 0 0.00000+ 0          0          0          1          2               57 4 59 2946
        2           2                                                             57 4 59 2947
 0.00000+ 0 4.00000+ 5          0          0          1          2               57 4 59 2948
        2           2                                                             57 4 59 2949
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 59 2950
 0.00000+ 0 1.50000+ 7          0          0          1          2               57 4 59 2951
        2           2                                                             57 4 59 2952
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 59 2953
                                                                                  57 4  0 2954
 9.22350+ 4 2.33025+ 2          0          2          0          0               57 4 60 2955
 0.00000+ 0 2.33025+ 2          0          2          0          0               57 4 60 2956
 0.00000+ 0 0.00000+ 0          0          0          1          2               57 4 60 2957
        2           2                                                             57 4 60 2958
 0.00000+ 0 6.00000+ 5          0          0          1          2               57 4 60 2959
        2           2                                                             57 4 60 2960
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 60 2961
 0.00000+ 0 1.50000+ 7          0          0          1          2               57 4 60 2962
        2           2                                                             57 4 60 2963
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 60 2964
                                                                                  57 4  0 2965
 9.22350+ 4 2.33025+ 2          0          2          0          0               57 4 91 2966
 0.00000+ 0 2.33025+ 2          0          2          0          0               57 4 91 2967
 0.00000+ 0 0.00000+ 0          0          0          1          2               57 4 91 2968
        2           2                                                             57 4 91 2969
 0.00000+ 0 9.50000+ 5          0          0          1          2               57 4 91 2970
        2           2                                                             57 4 91 2971
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 91 2972
 0.00000+ 0 1.50000+ 7          0          0          1          2               57 4 91 2973
        2           2                                                             57 4 91 2974
-1.00000+ 0 5.00000- 1 1.00000+ 0 5.00000- 1                                     57 4 91 2975
                                                                                  57 4  0 2976
                                                                                  57 0  0 2977
 9.22350+ 4 2.33025+ 2          0          0          1          0               57 5 16 2978
 5.25000+ 6 0.00000+ 0          0          9          1          2               57 5 16 2979
        2           2                                                             57 5 16 2980
 5.25000+ 6 1.00000+ 0 1.50000+ 7 1.00000+ 0                                      57 5 16 2981
 0.00000+ 0 0.00000+ 0          0          0          1         21               57 5 16 2982
       21           2                                                             57 5 16 2983
 5.25000+ 6 1.00000+ 4 5.50000+ 6 1.04880+ 5 6.00000+ 6 1.82200+ 5               57 5 16 2984
 6.50000+ 6 2.35360+ 5 7.00000+ 6 2.78560+ 5 7.50000+ 6 3.15900+ 5               57 5 16 2985
 8.00000+ 6 3.49270+ 5 8.50000+ 6 3.79720+ 5 9.00000+ 6 4.07900+ 5               57 5 16 2986
 9.50000+ 6 4.34260+ 5 1.00000+ 7 4.59110+ 5 1.05000+ 7 4.82680+ 5               57 5 16 2987
 1.10000+ 7 5.05150+ 5 1.15000+ 7 5.26660+ 5 1.20000+ 7 5.47330+ 5               57 5 16 2988
 1.25000+ 7 5.67250+ 5 1.30000+ 7 5.86490+ 5 1.35000+ 7 6.05120+ 5               57 5 16 2989
 1.40000+ 7 6.23190+ 5 1.45000+ 7 6.40750+ 5 1.50000+ 7 6.57850+ 5               57 5 16 2990
                                                                                  57 5  0 2991
 9.22350+ 4 2.33025+ 2          0          0          1          0               57 5 17 2992
 1.19000+ 7 0.00000+ 0          0          9          1          2               57 5 17 2993
        2           2                                                             57 5 17 2994
 1.19000+ 7 1.00000+ 0 1.50000+ 7 1.00000+ 0                                      57 5 17 2995
 0.00000+ 0 0.00000+ 0          0          0          1          8               57 5 17 2996
        8           2                                                             57 5 17 2997
 1.19000+ 7 1.00000+ 4 1.20000+ 7 6.66310+ 4 1.25000+ 7 1.63500+ 5               57 5 17 2998
 1.30000+ 7 2.21420+ 5 1.35000+ 7 2.67060+ 5 1.40000+ 7 3.05960+ 5               57 5 17 2999
 1.45000+ 7 3.40450+ 5 1.50000+ 7 3.71750+ 5                                     57 5 17 3000
                                                                                  57 5  0 3001
 9.22350+ 4 2.33025+ 2          0          0          1          0               57 5 18 3002
-3.00000+ 7 0.00000+ 0          0          7          1          2               57 5 18 3003
```

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          2                 2                                                  57 5 18 3004
1.00000- 5 1.00000+ 0 1.50000+ 7 1.00000+ 0                                   57 5 18 3005
0.00000+ 0 0.00000+ 0           0           0           1           3         57 5 18 3006
          3                 2                                                  57 5 18 3007
1.00000- 5 1.30000+ 6 3.00000+ 5 1.32000+ 6 1.50000+ 7 1.65000+ 6             57 5 18 3008
                                                                              57 5  0 3009
9.22350+ 4 2.33025+ 2           0           0           1           0         57 5 91 3010
8.40000+ 4 0.00000+ 0           0           9           1           2         57 5 91 3011
          2                 2                                                  57 5 91 3012
9.50000+ 5 1.00000+ 0 1.50000+ 7 1.00000+ 0                                   57 5 91 3013
0.00000+ 0 0.00000+ 0           0           0           1           2         57 5 91 3014
          2                 5                                                  57 5 91 3015
9.50000+ 5 2.04900+ 5 1.50000+ 7 8.14310+ 5                                   57 5 91 3016
                                                                              57 5  0 3017
                                                                              57 0  0 3018
9.2235 +04 2.33025+02           1                       30                    5712  4 3019
                                                        1          27         5712  4 3020
         27                 2                                                 5712  4 3021
1.0    -05 0.            1.3055 +04 0.          1.3055 +04 1.0               5712  4 3022
5.218  +04 1.0           8.2344 +04 1.1921      1.03433+05 1.2819            5712  4 3023
1.5063 +05 1.4247        1.71718+05 1.4378      1.97827+05 1.4635            5712  4 3024
2.25945+05 1.4912        2.96239+05 1.5701      3.344  +05 1.6493            5712  4 3025
3.68541+05 1.7381        3.95655+05 1.7979      4.15739+05 1.7914            5712  4 3026
4.28793+05 1.8768        4.75991+05 1.8753      5.0    +05 1.9549            5712  4 3027
5.35239+05 1.9348        6.0    +05 2.1312      6.54738+05 2.2333            5712  4 3028
7.0    +05 2.2346        7.74238+05 2.2456      8.0    +05 2.2510            5712  4 3029
9.0    +05 2.1684        1.0    +06 2.0411      1.09   +06 2.1285            5712  4 3030
7.71   +05 7.71   +05                       2           1           5         5712  4 3031
          5                 2                                                 5712  4 3032
7.74238+05 0.0           8.0    +05 0.01        9.0    +05 0.0711            5712  4 3033
1.0    +06 0.119         1.09   +06 0.1233                                    5712  4 3034
7.58   +05 7.71   +05                       2           1           5         5712  4 3035
          5                 2                                                 5712  4 3036
7.74238+05 0.0           8.0    +05 0.003       9.0    +05 0.0231            5712  4 3037
1.0    +06 0.0382        1.09   +06 0.0397                                    5712  4 3038
7.19   +05 7.71   +05                       2           1           5         5712  4 3039
          5                 2                                                 5712  4 3040
7.74238+05 0.0           8.0    +05 0.002       9.0    +05 0.0157            5712  4 3041
1.0    +06 0.0255        1.09   +06 0.0265                                    5712  4 3042
6.52   +05 6.52   +05                       2           1           7         5712  4 3043
          7                 2                                                 5712  4 3044
6.54738+05 0.0           7.0    +05 0.0276      7.74238+05 0.0509            5712  4 3045
8.0    +05 0.0552        9.0    +05 0.0618      1.0    +06 0.0604            5712  4 3046
1.09   +06 0.0613                                                             5712  4 3047
6.39   +05 6.52   +05                       2           1           7         5712  4 3048
          7                 2                                                 5712  4 3049
6.54738+05 0.0           7.0    +05 0.0331      7.74238+05 0.0631            5712  4 3050
8.0    +05 0.0673        9.0    +05 0.0748      1.0    +06 0.074             5712  4 3051
1.09   +06 0.0745                                                             5712  4 3052
4.51   +05 5.33   +05                       2           1           9         5712  4 3053
          9                 2                                                 5712  4 3054
5.35239+05 0.0           6.0    +05 0.0228      6.54738+05 0.0379            5712  4 3055
7.0    +05 0.0474        7.74238+05 0.0478      8.0    +05 0.0532            5712  4 3056
9.0    +05 0.0508        1.0    +06 0.0468      1.09   +06 0.0513            5712  4 3057
4.22   +05 4.74   +05                       2           1          11         5712  4 3058
         11                 2                                                 5712  4 3059
4.75991+05 0.0           5.0    +05 0.0054      5.35239+05 0.0155            5712  4 3060
6.0    +05 0.0312        6.54738+05 0.0447      7.0    +05 0.0386            5712  4 3061
7.74238+05 0.0387        8.0    +05 0.0382      9.0    +05 0.0342            5712  4 3062
1.0    +06 0.0306        1.09   +06 0.0306                                    5712  4 3063
4.14   +05 4.27   +05                       2           1          12         5712  4 3064
         12                 2                                                 5712  4 3065
4.28793+05 0.0           4.75991+05 0.0068      5.0    +05 0.008             5712  4 3066
5.35239+05 0.0117        6.0    +05 0.0120      6.54738+05 0.0138            5712  4 3067
7.0    +05 0.0154        7.74238+05 0.0305      8.0    +05 0.0321            5712  4 3068
9.0    +05 0.0277        1.0    +06 0.0255      1.09   +06 0.0166            5712  4 3069
3.94   +05 3.94   +05                       2           1          14         5712  4 3070
         14                 2                                                 5712  4 3071
3.95655+05 0.0           4.15739+05 0.0083      4.28793+05 0.0096            5712  4 3072
4.75991+05 0.0203        5.0    +05 0.0161      5.35239+05 0.0233            5712  4 3073
6.0    +05 0.0216        6.54738+05 0.0229      7.0    +05 0.0232            5712  4 3074
7.74238+05 0.0224        8.0    +05 0.0221      9.0    +05 0.0212            5712  4 3075
1.0    +06 0.0230        1.09   +06 0.0232
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                                                                                  5712  4 3076
3.81    +05 3.94    +05                          2           1           14       5712  4 3077
         14          2                                                             5712  4 3078
3.95655+05 0.0          4.15739+05 0.0041        4.28793+05 0.0041                5712  4 3079
4.75991+05 0.0108       5.0     +05 0.0080       5.35239+05 0.0117                5712  4 3080
6.0     +05 0.0384      6.54738+05 0.0585        7.0     +05 0.0717               5712  4 3081
7.74238+05 0.0702       8.0     +05 0.0783       9.0     +05 0.0748               5712  4 3082
1.0     +06 0.0706      1.09    +06 0.0762                                        5712  4 3083
3.75    +05 4.27    +05                          2           1           12       5712  4 3084
         12          2                                                             5712  4 3085
4.28793+05 0.0          4.75991+05 0.0068        5.0     +05 0.008                5712  4 3086
5.35239+05 0.0117       6.0     +05 0.0132       6.54738+05 0.0138                5712  4 3087
7.0     +05 0.0154      7.74238+05 0.0316        8.0     +05 0.0321               5712  4 3088
9.0     +05 0.0277      1.0     +06 0.0255       1.09    +06 0.0166               5712  4 3089
3.67    +05 3.67    +05                          2           1           15       5712  4 3090
         15          2                                                             5712  4 3091
3.68541+05 0.0          3.95655+05 0.0055        4.15739+05 0.0083                5712  4 3092
4.28793+05 0.0274       4.75991+05 0.0257        5.0     +05 0.0241               5712  4 3093
5.35239+05 0.0220       6.0     +05 0.0168       6.54738+05 0.0321                5712  4 3094
7.0     +05 0.0309      7.74238+05 0.0285        8.0     +05 0.0271               5712  4 3095
9.0     +05 0.0286      1.0     +06 0.0298       1.09    +06 0.0298               5712  4 3096
3.42    +05 3.94    +05                          2           1           14       5712  4 3097
         14          2                                                             5712  4 3098
3.95655+05 0.0          4.15739+05 0.0014        4.28793+05 0.0027                5712  4 3099
4.75991+05 0.0081       5.0     +05 0.0107       5.35239+05 0.0104                5712  4 3100
6.0     +05 0.0096      6.54738+05 0.0115        7.0     +05 0.0132               5712  4 3101
7.74238+05 0.0193       8.0     +05 0.0171       9.0     +05 0.0166               5712  4 3102
1.0     +06 0.011       1.09    +06 0.0116                                        5712  4 3103
3.33    +05 3.33    +05                          2           1           16       5712  4 3104
         16          2                                                             5712  4 3105
3.344   +05 0.0         3.68541+05 0.0042        3.95655+05 0.0138                5712  4 3106
4.15739+05 0.0152       4.28793+05 0.0150        4.75991+05 0.023                 5712  4 3107
5.0     +05 0.0281      5.35239+05 0.022         6.0     +05 0.0432               5712  4 3108
6.54738+05 0.0516       7.0     +05 0.0574       7.74238+05 0.054                 5712  4 3109
8.0     +05 0.0572      9.0     +05 0.0517       1.0     +06 0.0468               5712  4 3110
1.09    +06 0.0488                                                                5712  4 3111
3.24    +05 4.74    +05                          2           1           11       5712  4 3112
         11          2                                                             5712  4 3113
4.75991+05 0.0          5.0     +05 0.0054       5.35239+05 0.0155                5712  4 3114
6.0     +05 0.030       6.54738+05 0.0436        7.0     +05 0.0386               5712  4 3115
7.74238+05 0.0387       8.0     +05 0.0382       9.0     +05 0.0351               5712  4 3116
1.0     +06 0.0306      1.09    +06 0.0298                                        5712  4 3117
3.15    +05 3.67    +05                          2           1           15       5712  4 3118
         15          2                                                             5712  4 3119
3.68541+05 0.0          3.95655+05 0.0028        4.15739+05 0.0041                5712  4 3120
4.28793+05 0.0123       4.75991+05 0.0081        5.0     +05 0.0054               5712  4 3121
5.35239+05 0.0091       6.0     +05 0.0096       6.54738+05 0.0069                5712  4 3122
7.0     +05 0.0077      7.74238+05 0.0071        8.0     +05 0.0070               5712  4 3123
9.0     +05 0.0065      1.0     +06 0.0068       1.09    +06 0.0075               5712  4 3124
3.11    +05 4.14    +05                          2           1           13       5712  4 3125
         13          2                                                             5712  4 3126
4.15739+05 0.0          4.28793+05 0.0014        4.75991+05 0.0041                5712  4 3127
5.0     +05 0.0040      5.35239+05 0.0065        6.0     +05 0.0060               5712  4 3128
6.54738+05 0.0057       7.0     +05 0.0055       7.74238+05 0.0061                5712  4 3129
8.0     +05 0.0050      9.0     +05 0.0055       1.0     +06 0.0060               5712  4 3130
1.09    +06 0.0058                                                                5712  4 3131
1.96    +05 3.67    +05                          2           1           15       5712  4 3132
         15          2                                                             5712  4 3133
3.685   +05 0.          3.957   +05 5.5     -03  4.157   +05 8.3     -03          5712  4 3134
4.28793+05 0.0287       4.75991+05 0.0176        5.0     +05 0.0134               5712  4 3135
5.35239+05 0.0194       6.0     +05 0.0144       6.54738+05 0.0172                5712  4 3136
7.0     +05 0.0165      7.74238+05 0.0153        8.0     +05 0.0151               5712  4 3137
9.0     +05 0.0157      1.0     +06 0.0162       1.09    +06 0.0166               5712  4 3138
1.89    +05 4.14    +05                          2           1           13       5712  4 3139
         13          2                                                             5712  4 3140
4.15739+05 0.0          4.28793+05 0.0055        4.75991+05 0.0122                5712  4 3141
5.0     +05 0.0134      5.35239+05 0.0181        6.0     +05 0.0180               5712  4 3142
6.54738+05 0.0184       7.0     +05 0.0176       7.74238+05 0.0163                5712  4 3143
8.0     +05 0.0151      9.0     +05 0.0166       1.0     +06 0.0178               5712  4 3144
1.09    +06 0.0174                                                                5712  4 3145
1.71    +05 1.71    +05                          2           1           20       5712  4 3146
         20          2
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                                                                                5712  4 3147
1.71718+05 0.0          1.97827+05 0.0016       2.25945+05 0.0062               5712  4 3148
2.96239+05 0.0599       3.344  +05 0.0918       3.68541+05 0.1271               5712  4 3149
3.95655+05 0.1355       4.15739+05 0.1296       4.28793+05 0.1436               5712  4 3150
4.75991+05 0.1394       5.0    +05 0.1754       5.35239+05 0.1709               5712  4 3151
6.0    +05 0.1524       6.54738+05 0.1548       7.0    +05 0.1434               5712  4 3152
7.74238+05 0.1272       8.0    +05 0.1205       9.0    +05 0.1043               5712  4 3153
1.0    +06 0.0926       1.09   +06 0.096                                        5712  4 3154
1.62   +05 3.33   +05                       2          1          16            5712  4 3155
        16          2                                                           5712  4 3156
3.344  +05 0.0          3.68541+05 0.0056       3.95655+05 0.0194               5712  4 3157
4.15739+05 0.0193       4.28793+05 0.0192       4.75991+05 0.0311               5712  4 3158
5.0    +05 0.0375       5.35239+05 0.0298       6.0    +05 0.0444               5712  4 3159
6.54738+05 0.0447       7.0    +05 0.0441       7.74238+05 0.0387               5712  4 3160
8.0    +05 0.0392       9.0    +05 0.0342       1.0    +06 0.0298               5712  4 3161
1.09   +06 0.029                                                                5712  4 3162
1.44   +05 2.95   +05                       2          1          17            5712  4 3163
        17          2                                                           5712  4 3164
2.96239+05 0.0          3.344  +05 0.0198       3.68541+05 0.0224               5712  4 3165
3.95655+05 0.0443       4.15739+05 0.0469       4.28793+05 0.0506               5712  4 3166
4.75991+05 0.0636       5.0    +05 0.0683       5.35239+05 0.0544               5712  4 3167
6.0    +05 0.0732       6.54738+05 0.0734       7.0    +05 0.0717               5712  4 3168
7.74238+05 0.0662       8.0    +05 0.0643       9.0    +05 0.0554               5712  4 3169
1.0    +06 0.0476       1.09   +06 0.0464                                       5712  4 3170
1.19   +05 1.71   +05                       2          1          20            5712  4 3171
        20          2                                                           5712  4 3172
1.71718+05 0.0          1.97827+05 0.0016       2.25945+05 0.0078               5712  4 3173
2.96239+05 0.0497       3.344  +05 0.0607       3.68541+05 0.0685               5712  4 3174
3.95655+05 0.0802       4.15739+05 0.0731       4.28793+05 0.0848               5712  4 3175
4.75991+05 0.0771       5.0    +05 0.0763       5.35239+05 0.0699               5712  4 3176
6.0    +05 0.066        6.54738+05 0.0631       7.0    +05 0.0563               5712  4 3177
7.74238+05 0.0489       8.0    +05 0.0482       9.0    +05 0.0378               5712  4 3178
1.0    +06 0.0323       1.09   +06 0.0339                                       5712  4 3179
1.15   +05 1.97   +05                       2          1          19            5712  4 3180
        19          2                                                           5712  4 3181
1.97827+05 0.0          2.25945+05 0.0170       2.96239+05 0.0307               5712  4 3182
3.344  +05 0.0424       3.68541+05 0.0433       3.95655+05 0.0581               5712  4 3183
4.15739+05 0.0593       4.28793+05 0.0616       4.75991+05 0.0636               5712  4 3184
5.0    +05 0.0603       5.35239+05 0.0596       6.0    +05 0.0636               5712  4 3185
6.54738+05 0.0688       7.0    +05 0.0596       7.74238+05 0.0641               5712  4 3186
8.0    +05 0.0602       9.0    +05 0.0545       1.0    +06 0.0484               5712  4 3187
1.09   +06 0.0563                                                               5712  4 3188
1.03   +05 1.03   +05                       2          1          22            5712  4 3189
        22          2                                                           5712  4 3190
1.03433+05 0.0          1.5063 +05 0.0068       1.71718+05 0.0066               5712  4 3191
1.97827+05 0.0080       2.25945+05 0.0078       2.96239+05 0.0073               5712  4 3192
3.344  +05 0.0085       3.68541+05 0.0070       3.95655+05 0.0111               5712  4 3193
4.15739+05 0.0083       4.28793+05 0.0082       4.75991+05 0.0081               5712  4 3194
5.0    +05 0.0094       5.35239+05 0.0091       6.0    +05 0.0072               5712  4 3195
6.54738+05 0.0057       7.0    +05 0.0055       7.74238+05 0.0061               5712  4 3196
8.0    +05 0.005        9.0    +05 0.0055       1.0    +06 0.0051               5712  4 3197
1.09   +06 0.0058                                                               5712  4 3198
9.8    +04 1.5    +05                       2          1          21            5712  4 3199
        21          2                                                           5712  4 3200
1.5063 +05 0.0          1.71718+05 0.0181       1.97827+05 0.024                5712  4 3201
2.25945+05 0.0279       2.96239+05 0.0322       3.344  +05 0.0565               5712  4 3202
3.68541+05 0.0832       3.95655+05 0.1065       4.15739+05 0.1214               5712  4 3203
4.28793+05 0.1094       4.75991+05 0.1137       5.0    +05 0.1285               5712  4 3204
5.35239+05 0.1217       6.0    +05 0.1824       6.54738+05 0.2042               5712  4 3205
7.0    +05 0.2052       7.74238+05 0.1965       8.0    +05 0.1998               5712  4 3206
9.0    +05 0.1791       1.0    +06 0.1572       1.09   +06 0.1656               5712  4 3207
6.9    +04 8.2    +04                       2          1          23            5712  4 3208
        23          2                                                           5712  4 3209
8.2344 +04 0.0          1.03433+05 0.0781       1.5063 +05 0.1709               5712  4 3210
1.71718+05 0.1927       1.97827+05 0.2132       2.25945+05 0.2325               5712  4 3211
2.96239+05 0.2193       3.344  +05 0.2160       3.68541+05 0.2082               5712  4 3212
3.95655+05 0.2047       4.15739+05 0.1944       4.28793+05 0.1874               5712  4 3213
4.75991+05 0.1732       5.0    +05 0.1687       5.35239+05 0.1606               5712  4 3214
6.0    +05 0.1704       6.54738+05 0.1801       7.0    +05 0.1721               5712  4 3215
7.74238+05 0.1741       8.0    +05 0.1667       9.0    +05 0.1412               5712  4 3216
1.0    +06 0.1198       1.09   +06 0.1349
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                                                                                  5712  4 3217
5.2     +04 5.2     +04                                2          1          24   5712  4 3218
         24          2                                                             5712  4 3219
5.2218 +04 0.0          8.2344 +04 0.5226      1.03433+05 0.5553                 5712  4 3220
1.5063 +05 0.5668       1.71718+05 0.5649      1.97827+05 0.5578                 5712  4 3221
2.25945+05 0.5394       2.96239+05 0.5599      3.344  +05 0.5351                 5712  4 3222
3.68541+05 0.5309       3.95655+05 0.5269      4.15739+05 0.5144                 5712  4 3223
4.28793+05 0.5185       4.75991+05 0.4938      5.0    +05 0.5061                 5712  4 3224
5.35239+05 0.4986       6.0    +05 0.4992      6.54738+05 0.4921                 5712  4 3225
7.0     +05 0.4478      7.74238+05 0.4092      8.0    +05 0.3986                 5712  4 3226
9.0     +05 0.3535      1.0    +06 0.3128      1.09   +06 0.3295                 5712  4 3227
3.9     +04 5.2     +04                                2          1          24   5712  4 3228
         24          2                                                             5712  4 3229
5.2218 +04 0.0          8.2344 +04 0.1917      1.03433+05 0.2039                 5712  4 3230
1.50630+05 0.2132       1.71718+05 0.1976      1.97827+05 0.1940                 5712  4 3231
2.25945+05 0.1860       2.96239+05 0.1944      3.344  +05 0.1836                 5712  4 3232
3.68541+05 0.1984       3.95655+05 0.1756      4.15739+05 0.1751                 5712  4 3233
4.28793+05 0.1778       4.75991+05 0.1691      5.0    +05 0.1848                 5712  4 3234
5.35239+05 0.1696       6.0    +05 0.1812      6.54738+05 0.1698                 5712  4 3235
7.0     +05 0.1555      7.74238+05 0.1435      8.0    +05 0.1365                 5712  4 3236
9.0     +05 0.1237      1.0    +06 0.1080      1.09   +06 0.1134                 5712  4 3237
1.3     +04 1.3     +04                                2          1          27   5712  4 3238
         27          2                                                             5712  4 3239
1.0     -05 0.          1.3055 +04 0.          1.3055 +04 1.0                    5712  4 3240
5.2218 +04 1.0          8.2344 +04 0.4778      1.03433+05 0.4446                 5712  4 3241
1.50630+05 0.4670       1.71718+05 0.4579      1.97827+05 0.4633                 5712  4 3242
2.25945+05 0.4666       2.96239+05 0.4167      3.344  +05 0.4349                 5712  4 3243
3.68541+05 0.4373       3.95655+05 0.4080      4.15739+05 0.3999                 5712  4 3244
4.28793+05 0.4090       4.75991+05 0.3991      5.0    +05 0.3896                 5712  4 3245
5.35239+05 0.3937       6.0    +05 0.4044      6.54738+05 0.3980                 5712  4 3246
7.0     +05 0.4136      7.74238+05 0.4306      8.0    +05 0.4367                 5712  4 3247
9.0     +05 0.4200      1.0    +06 0.3834      1.09   +06 0.4106                 5712  4 3248
                                                                                  5712  0 3249
9.2235 +04 2.33025+02          1                          1                       5712 18 3250
0.          0.                                 1          1          2           5712 18 3251
         2           2                                                             5712 18 3252
1.0     -05 7.17        1.09   +06 7.17                                           5712 18 3253
                                                                                  5712  0 3254
9.2235 +04 2.33025+02          1                          1                       5712102 3255
0.          0.                                 1          1          2           5712102 3256
         2           2                                                             5712102 3257
1.0     -05 3.73        1.09   +06 3.73                                           5712102 3258
                                                                                  5712  0 3259
                                                                                  57 0  0 3260
9.2235 +04 2.33025+02                                     1                       5713  3 3261
                                                   1      1          9           5713  3 3262
         9           2                                                             5713  3 3263
1.09   +06 13.82       2.1    +06 14.82      3.0    +06 14.82                     5713  3 3264
4.0    +06 14.77       5.0    +06 17.00      9.0    +06 18.00                     5713  3 3265
7.5    +06 21.63       14.8   +06 25.02      20.0   +06 28.21                     5713  3 3266
                                                                                  5713  0 3267
                                                                                  57 0  0 3268
9.2235 +04 2.33025+02          1                          1                       5714  3 3269
                                                                                  5714  0 3270
9.2235 +04 2.33025+02          1                         30                       5714  4 3271
                                                                                  5714  0 3272
9.2235 +04 2.33025+02          1                          1                       5714 18 3273
                                                                                  5714  0 3274
9.2235 +04 2.33025+02          1                          1                       5714102 3275
                                                                                  5714  0 3276
                                                                                  57 0  0 3277
9.2235 +04 2.33025+02                                     1                       5715  3 3278
0.          0.                                 1          1          2           5715  3 3279
         2           2                                                             5715  3 3280
1.09   +06 1.0         2.0    +07 1.0                                            5715  3 3281
0.          0.                                            1          9           5715  3 3282
         9           2                                                             5715  3 3283
0.          1.09   +06                                    1         32           5715  3 3284
        32           2                                                             5715  3 3285
0.0    +06 0.7072 -06 0.1     +06 1.1040 -06 0.2     +06 1.1257 -06               5715  3 3286
0.3    +06 1.0319 -06 0.4     +06 0.9164 -06 0.5     +06 0.8010 -06               5715  3 3287
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0.6     +06 0.6783 -06 0.7     +06 0.5628 -06 0.8     +06 0.4676 -06  5715  3 3288
0.9     +06 0.3860 -06 1.00    +06 0.3175 -06 1.25    +06 0.2078 -06  5715  3 3289
1.50    +06 0.1429 -06 1.75    +06 0.1025 -06 2.00    +06 0.0786 -06  5715  3 3290
2.25    +06 0.0599 -06 2.50    +06 0.0476 -06 2.75    +06 0.0368 -06  5715  3 3291
3.00    +06 0.0286 -06 3.25    +06 0.0222 -06 3.50    +06 0.0172 -06  5715  3 3292
3.75    +06 0.0133 -06 4.00    +06 0.0104 -06 4.25    +06 0.00823-06  5715  3 3293
4.50    +06 0.00657-06 4.75    +06 0.0052 -06 5.00    +06 0.00419-06  5715  3 3294
5.50    +06 0.00266-06 6.00    +06 0.00209-06 6.50    +06 0.00108-06  5715  3 3295
7.00    +06 0.0072 -06 8.00    +06 0.0    -06                         5715  3 3296
0.          2.1     +06                                 1          32  5715  3 3297
         32          2                                                  5715  3 3298
0.0     +06 0.54926-06 0.1     +06 0.68354-06 0.2     +06 0.78070-06  5715  3 3299
0.3     +06 0.88124-06 0.4     +06 0.93252-06 0.5     +06 0.90688-06  5715  3 3300
0.6     +06 0.82389-06 0.7     +06 0.69636-06 0.8     +06 0.57085-06  5715  3 3301
0.9     +06 0.48516-06 1.0     +06 0.41970-06 1.25    +06 0.27463-06  5715  3 3302
1.50    +06 0.18421-06 1.75    +06 0.12483-06 2.00    +06 0.08502-06  5715  3 3303
2.25    +06 0.05843-06 2.50    +06 0.04325-06 2.75    +06 0.03232-06  5715  3 3304
3.00    +06 0.02470-06 3.25    +06 0.01849-06 3.50    +06 0.01410-06  5715  3 3305
3.75    +06 0.01066-06 4.00    +06 0.00823-06 4.25    +06 0.00628-06  5715  3 3306
4.50    +06 0.00486-06 4.75    +06 0.00371-06 5.00    +06 0.00290-06  5715  3 3307
5.50    +06 0.00175-06 6.00    +06 0.00108-06 6.50    +06 0.00061-06  5715  3 3308
7.00    +06 0.00047-06 8.00    +06 0.00000-06                         5715  3 3309
0.          3.0     +06                                 1          32  5715  3 3310
         32          2                                                  5715  3 3311
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0.3     +06 0.82321-06 0.4     +06 0.86910-06 0.5     +06 0.86370-06  5715  3 3313
0.6     +06 0.78273-06 0.7     +06 0.65047-06 0.8     +06 0.54723-06  5715  3 3314
0.9     +06 0.45007-06 1.0     +06 0.39001-06 1.25    +06 0.27260-06  5715  3 3315
1.50    +06 0.21255-06 1.75    +06 0.16734-06 2.00    +06 0.12955-06  5715  3 3316
2.25    +06 0.09582-06 2.50    +06 0.05756-06 2.75    +06 0.03630-06  5715  3 3317
3.00    +06 0.02429-06 3.25    +06 0.01795-06 3.50    +06 0.01377-06  5715  3 3318
3.75    +06 0.01026-06 4.00    +06 0.00776-06 4.25    +06 0.00594-06  5715  3 3319
4.50    +06 0.00452-06 4.75    +06 0.00344-06 5.00    +06 0.00270-06  5715  3 3320
5.50    +06 0.00155-06 6.00    +06 0.00094-06 6.50    +06 0.00054-06  5715  3 3321
7.00    +06 0.00040-06 8.00    +06 0.00000-06                         5715  3 3322
0.          4.0     +06                                 1          32  5715  3 3323
         32          2                                                  5715  3 3324
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0.9     +06 0.4695 -06 1.0     +06 0.4019 -06 1.25    +06 0.2871 -06  5715  3 3328
1.50    +06 0.2189 -06 1.75    +06 0.1743 -06 2.00    +06 0.1392 -06  5715  3 3329
2.25    +06 0.1067 -06 2.50    +06 0.0777 -06 2.75    +06 0.049  -06  5715  3 3330
3.00    +06 0.0329 -06 3.25    +06 0.0226 -06 3.50    +06 0.0161 -06  5715  3 3331
3.75    +06 0.0113 -06 4.00    +06 0.0085 -06 4.25    +06 0.00635-06  5715  3 3332
4.50    +06 0.0048 -06 4.75    +06 0.00365-06 5.00    +06 0.00282-06  5715  3 3333
5.50    +06 0.00169-06 6.0     +06 0.00108-06 6.5     +06 0.00068-06  5715  3 3334
7.0     +06 0.0    -06 8.0     +06 0.0    -06                         5715  3 3335
0.          5.0     +06                                 1          32  5715  3 3336
         32          2                                                  5715  3 3337
0.0     +06 0.55059-06 0.1     +06 0.64824-06 0.2     +06 0.72882-06  5715  3 3338
0.3     +06 0.81471-06 0.4     +06 0.86647-06 0.5     +06 0.83765-06  5715  3 3339
0.6     +06 0.75176-06 0.7     +06 0.61412-06 0.8     +06 0.50176-06  5715  3 3340
0.9     +06 0.41882-06 1.0     +06 0.36118-06 1.25    +06 0.27059-06  5715  3 3341
1.50    +06 0.21647-06 1.75    +06 0.17706-06 2.00    +06 0.14588-06  5715  3 3342
2.25    +06 0.11412-06 2.50    +06 0.08118-06 2.75    +06 0.05165-06  5715  3 3343
3.00    +06 0.03271-06 3.25    +06 0.02182-06 3.50    +06 0.01624-06  5715  3 3344
3.75    +06 0.01200-06 4.00    +06 0.00906-06 4.25    +06 0.00665-06  5715  3 3345
4.50    +06 0.00506-06 4.75    +06 0.00376-06 5.00    +06 0.00282-06  5715  3 3346
5.50    +06 0.00159-06 6.00    +06 0.00094-06 6.50    +06 0.00053-06  5715  3 3347
7.00    +06 0.00029-06 8.00    +06 0.00000-06                         5715  3 3348
0.          6.0     +06                                 1          32  5715  3 3349
         32          2                                                  5715  3 3350
0.0     +06 0.3909 -06 0.1     +06 0.4955 -06 0.2     +06 0.6002 -06  5715  3 3351
0.3     +06 0.7213 -06 0.4     +06 0.8094 -06 0.5     +06 0.8424 -06  5715  3 3352
0.6     +06 0.7929 -06 0.7     +06 0.6607 -06 0.8     +06 0.5506 -06  5715  3 3353
0.9     +06 0.4570 -06 1.0     +06 0.3926 -06 1.25    +06 0.2852 -06  5715  3 3354
1.50    +06 0.2241 -06 1.75    +06 0.1861 -06 2.00    +06 0.1569 -06  5715  3 3355
2.25    +06 0.1211 -06 2.50    +06 0.0903 -06 2.75    +06 0.0622 -06  5715  3 3356
3.00    +06 0.0417 -06 3.25    +06 0.0280 -06 3.5     +06 0.0193 -06  5715  3 3357
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4.5     +06 0.00639-06 4.75    +06 0.0049 -06 5.0     +06 0.00382-06  5715  3 3359
5.5     +06 0.00237-06 6.0     +06 0.00154-06 6.5     +06 0.0098 -06  5715  3 3360
7.0     +06 0.00062-06 8.0     +06 0.0    -06                         5715  3 3361
0.          7.5     +06                                 1          32  5715  3 3362
         32          2                                                  5715  3 3363
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0.6     +06 0.90476-06 0.7     +06 0.74526-06 0.8     +06 0.60333-06  5715  3 3366
0.9     +06 0.49515-06 1.0     +06 0.41147-06 1.25    +06 0.27184-06  5715  3 3367
1.50    +06 0.19649-06 1.75    +06 0.12390-06 2.00    +06 0.08460-06  5715  3 3368
2.25    +06 0.06103-06 2.50    +06 0.04535-06 2.75    +06 0.03370-06  5715  3 3369
3.00    +06 0.02547-06 3.25    +06 0.01923-06 3.50    +06 0.01484-06  5715  3 3370
3.75    +06 0.01137-06 4.00    +06 0.00878-06 4.25    +06 0.00689-06  5715  3 3371
4.50    +06 0.00536-06 4.75    +06 0.00416-06 5.00    +06 0.00328-06  5715  3 3372
5.50    +06 0.00203-06 6.00    +06 0.00134-06 6.50    +06 0.00083-06  5715  3 3373
7.00    +06 0.00055-06 8.00    +06 0.00000-06                         5715  3 3374
0.          1.48    +07                                 1          32  5715  3 3375
         32          2                                                  5715  3 3376
0.0     +06 0.47402-06 0.1     +06 0.57474-06 0.2     +06 0.67546-06  5715  3 3377
0.3     +06 0.79297-06 0.4     +06 0.86851-06 0.5     +06 0.87690-06  5715  3 3378
0.6     +06 0.84333-06 0.7     +06 0.75939-06 0.8     +06 0.61271-06  5715  3 3379
0.9     +06 0.47402-06 1.0     +06 0.39169-06 1.25    +06 0.26859-06  5715  3 3380
1.50    +06 0.20504-06 1.75    +06 0.15108-06 2.00    +06 0.11271-06  5715  3 3381
2.25    +06 0.08153-06 2.50    +06 0.05995-06 2.75    +06 0.04357-06  5715  3 3382
3.00    +06 0.03197-06 3.25    +06 0.02342-06 3.50    +06 0.01743-06  5715  3 3383
3.75    +06 0.01295-06 4.00    +06 0.00979-06 4.25    +06 0.00739-06  5715  3 3384
4.50    +06 0.00560-06 4.75    +06 0.00424-06 5.00    +06 0.00328-06  5715  3 3385
5.50    +06 0.00192-06 6.00    +06 0.00112-06 6.50    +06 0.00068-06  5715  3 3386
7.00    +06 0.00040-06 8.00    +06 0.00000-06                         5715  3 3387
0.          2.0     +07                                 1          32  5715  3 3388
         32          2                                                  5715  3 3389
0.0     +06 0.52286-06 0.1     +06 0.62035-06 0.2     +06 0.71889-06  5715  3 3390
0.3     +06 0.83552-06 0.4     +06 0.90783-06 0.5     +06 0.90571-06  5715  3 3391
0.6     +06 0.87877-06 0.7     +06 0.81212-06 0.8     +06 0.65048-06  5715  3 3392
0.9     +06 0.48245-06 1.0     +06 0.38993-06 1.25    +06 0.25948-06  5715  3 3393
1.50    +06 0.19497-06 1.75    +06 0.13080-06 2.00    +06 0.08614-06  5715  3 3394
2.25    +06 0.05778-06 2.50    +06 0.04183-06 2.75    +06 0.03247-06  5715  3 3395
3.00    +06 0.02634-06 3.25    +06 0.02081-06 3.50    +06 0.01627-06  5715  3 3396
3.75    +06 0.01216-06 4.00    +06 0.00915-06 4.25    +06 0.00695-06  5715  3 3397
4.50    +06 0.00521-06 4.75    +06 0.00393-06 5.00    +06 0.00294-06  5715  3 3398
5.50    +06 0.00160-06 6.00    +06 0.00089-06 6.50    +06 0.00050-06  5715  3 3399
7.00    +06 0.00025-06 8.00    +06 0.00000-06                         5715  3 3400
                                                                       5715  0 3401
9.2235  +04 2.33025+02                                 1               5715 18 3402
0.          0.                                 1       1           2  5715 18 3403
          2          2                                                  5715 18 3404
1.0     -05 1.0        1.09    +06 1.0                                5715 18 3405
0.          0.                                         1           2  5715 18 3406
          2          2                                                  5715 18 3407
0.          1.0     -05                                1          64  5715 18 3408
         64          2                                                  5715 18 3409
0.0         0.1416 -06 0.05    +06 0.2365 -06 0.10    +06 0.3950 -06  5715 18 3410
0.15    +06 0.6669 -06 0.163   +06 0.7094 -06 0.178   +06 0.6117 -06  5715 18 3411
0.20    +06 0.8623 -06 0.212   +06 1.1044 -06 0.225   +06 0.8425 -06  5715 18 3412
0.245   +06 0.6088 -06 0.265   +06 0.4106 -06 0.30    +06 0.6839 -06  5715 18 3413
0.325   +06 0.8170 -06 0.35    +06 1.0294 -06 0.365   +06 1.0648 -06  5715 18 3414
0.40    +06 0.9387 -06 0.43    +06 0.8410 -06 0.45    +06 0.8835 -06  5715 18 3415
0.485   +06 0.9954 -06 0.50    +06 0.9586 -06 0.525   +06 0.8241 -06  5715 18 3416
0.545   +06 0.7320 -06 0.575   +06 0.8750 -06 0.605   +06 0.9529 -06  5715 18 3417
0.625   +06 0.8623 -06 0.65    +06 0.7278 -06 0.67    +06 0.7745 -06  5715 18 3418
0.683   +06 0.7986 -06 0.70    +06 0.7179 -06 0.75    +06 0.6966 -06  5715 18 3419
0.80    +06 0.6626 -06 0.90    +06 0.5097 -06 1.00    +06 0.4205 -06  5715 18 3420
1.10    +06 0.3582 -06 1.20    +06 0.3412 -06 1.25    +06 0.3271 -06  5715 18 3421
1.35    +06 0.2818 -06 1.50    +06 0.2011 -06 1.75    +06 0.1288 -06  5715 18 3422
2.0     +06 0.0934 -06 2.25    +06 0.0736 -06 2.5     +06 0.0586 -06  5715 18 3423
2.75    +06 0.0450 -06 3.0     +06 0.0343 -06 3.25    +06 0.0248 -06  5715 18 3424
3.5     +06 0.0197 -06 3.75    +06 0.0156 -06 4.0     +06 0.0127 -06  5715 18 3425
4.25    +06 0.00934-06 4.5     +06 0.00657-06 4.75    +06 0.00507-06  5715 18 3426
5.0     +06 0.00421-06 5.25    +06 0.00355-06 5.5     +06 0.00302-06  5715 18 3427
```

```
5.75     +06 0.00258-06 6.0      +06 0.00217-06 6.25     +06 0.00176-06  5715 18 3428
6.5      +06  .00142-06 6.75     +06  .0011 -06 7.0      +06  .00086-06  5715 18 3429
7.25     +06  .00064-06 7.5      +06  .00042-06 7.75     +06  .00012-06  5715 18 3430
8.0      +06  .00001-06 8.10     +06 0.0                                 5715 18 3431
0.          1.09    +06                                  1          64   5715 18 3432
         64          2                                                    5715 18 3433
0.0         0.1416 -06 0.05     +06 0.2365 -06 0.10     +06 0.3950 -06  5715 18 3434
0.15     +06 0.6669 -06 0.163    +06 0.7094 -06 0.178    +06 0.6117 -06  5715 18 3435
0.20     +06 0.8623 -06 0.212    +06 1.1044 -06 0.225    +06 0.8425 -06  5715 18 3436
0.245    +06 0.6088 -06 0.265    +06 0.4106 -06 0.30     +06 0.6839 -06  5715 18 3437
0.325    +06 0.8170 -06 0.35     +06 1.0294 -06 0.365    +06 1.0648 -06  5715 18 3438
0.40     +06 0.9387 -06 0.43     +06 0.8410 -06 0.45     +06 0.8835 -06  5715 18 3439
0.485    +06 0.9954 -06 0.50     +06 0.9586 -06 0.525    +06 0.8241 -06  5715 18 3440
0.545    +06 0.7320 -06 0.575    +06 0.8750 -06 0.605    +06 0.9529 -06  5715 18 3441
0.625    +06 0.8623 -06 0.65     +06 0.7278 -06 0.67     +06 0.7745 -06  5715 18 3442
0.683    +06 0.7986 -06 0.70     +06 0.7179 -06 0.75     +06 0.6966 -06  5715 18 3443
0.80     +06 0.6626 -06 0.90     +06 0.5097 -06 1.00     +06 0.4205 -06  5715 18 3444
1.10     +06 0.3582 -06 1.20     +06 0.3412 -06 1.25     +06 0.3271 -06  5715 18 3445
1.35     +06 0.2818 -06 1.50     +06 0.2011 -06 1.75     +06 0.1288 -06  5715 18 3446
2.0      +06 0.0934 -06 2.25     +06 0.0736 -06 2.5      +06 0.0586 -06  5715 18 3447
2.75     +06 0.0450 -06 3.0      +06 0.0343 -06 3.25     +06 0.0248 -06  5715 18 3448
3.5      +06 0.0197 -06 3.75     +06 0.0156 -06 4.0      +06 0.0127 -06  5715 18 3449
4.25     +06 0.00934-06 4.5      +06 0.00657-06 4.75     +06 0.00507-06  5715 18 3450
5.0      +06 0.00421-06 5.25     +06 0.00355-06 5.5      +06 0.00302-06  5715 18 3451
5.75     +06 0.00258-06 6.0      +06 0.00217-06 6.25     +06 0.00176-06  5715 18 3452
6.5      +06  .00142-06 6.75     +06  .0011 -06 7.0      +06  .00086-06  5715 18 3453
7.25     +06  .00064-06 7.5      +06  .00042-06 7.75     +06  .00012-06  5715 18 3454
8.0      +06  .00001-06 8.10     +06 0.0                                 5715 18 3455
                                                                         5715  0 3456
9.2235   +04 2.33025+02                                  1               5715102 3457
0.          0.                                1          1           2  5715102 3458
         2           2                                                   5715102 3459
1.0      -05 1.0         1.09    +06 1.0                                 5715102 3460
                                                         1           3  5715102 3461
         3           2                                                   5715102 3462
            1.0     -05                                  1          31   5715102 3463
         31          2                                                   5715102 3464
0.0      +06 0.106  -06 0.1      +06 0.549  -06 0.2     +06 0.510  -06  5715102 3465
0.3      +06 0.343  -06 0.4      +06 0.271  -06 0.5     +06 0.229  -06  5715102 3466
0.6      +06 0.209  -06 0.7      +06 0.213  -06 0.8     +06 0.231  -06  5715102 3467
0.9      +06 0.270  -06 1.0      +06 0.345  -06 1.25    +06 0.425  -06  5715102 3468
1.5      +06 0.374  -06 1.75     +06 0.310  -06 2.0     +06 0.254  -06  5715102 3469
2.25     +06 0.234  -06 2.5      +06 0.195  -06 2.75    +06 0.154  -06  5715102 3470
3.0      +06 0.125  -06 3.25     +06 0.0945 -06 3.5     +06 0.0796 -06  5715102 3471
3.75     +06 0.0669 -06 4.0      +06 0.0488 -06 4.25    +06 0.0446 -06  5715102 3472
4.5      +06 0.0308 -06 4.75     +06 0.0244 -06 5.0     +06 0.0212 -06  5715102 3473
5.5      +06 0.0393 -06 6.0      +06 0.0117 -06 6.5     +06 0.0011 -06  5715102 3474
7.0      +06 0.0                                                         5715102 3475
            1.3     +04                                  1          31   5715102 3476
         31          2                                                   5715102 3477
0.0      +06 0.106  -06 0.1      +06 0.549  -06 0.2     +06 0.510  -06  5715102 3478
0.3      +06 0.343  -06 0.4      +06 0.271  -06 0.5     +06 0.229  -06  5715102 3479
0.6      +06 0.209  -06 0.7      +06 0.213  -06 0.8     +06 0.231  -06  5715102 3480
0.9      +06 0.270  -06 1.0      +06 0.345  -06 1.25    +06 0.425  -06  5715102 3481
1.5      +06 0.374  -06 1.75     +06 0.310  -06 2.0     +06 0.254  -06  5715102 3482
2.25     +06 0.234  -06 2.5      +06 0.195  -06 2.75    +06 0.154  -06  5715102 3483
3.0      +06 0.125  -06 3.25     +06 0.0945 -06 3.5     +06 0.0796 -06  5715102 3484
3.75     +06 0.0669 -06 4.0      +06 0.0488 -06 4.25    +06 0.0446 -06  5715102 3485
4.5      +06 0.0308 -06 4.75     +06 0.0244 -06 5.0     +06 0.0212 -06  5715102 3486
5.5      +06 0.0393 -06 6.0      +06 0.0117 -06 6.5     +06 0.0011 -06  5715102 3487
7.0      +06 0.0                                                         5715102 3488
            1.09    +06                                  1          32   5715102 3489
         32          2                                                   5715102 3490
0.0      +06 0.0944 -06 0.1      +06 0.488  -06 0.2     +06 0.453  -06  5715102 3491
0.3      +06 0.305  -06 0.4      +06 0.241  -06 0.5     +06 0.204  -06  5715102 3492
0.6      +06 0.186  -06 0.7      +06 0.190  -06 0.8     +06 0.206  -06  5715102 3493
0.9      +06 0.240  -06 1.0      +06 0.307  -06 1.25    +06 0.376  -06  5715102 3494
1.5      +06 0.331  -06 1.75     +06 0.262  -06 2.0     +06 0.223  -06  5715102 3495
2.25     +06 0.208  -06 2.5      +06 0.190  -06 2.75    +06 0.166  -06  5715102 3496
3.0      +06 0.144  -06 3.25     +06 0.122  -06 3.5     +06 0.102  -06  5715102 3497
3.75     +06 0.0892 -06 4.0      +06 0.0737 -06 4.25    +06 0.0662 -06  5715102 3498
```

```
4.5     +06 0.0540 -06 4.75    +06 0.0471 -06 5.0     +06 0.0420 -06  5715102 3499
5.5     +06 0.0727 -06 6.0     +06 0.0223 -06 6.5     +06 0.0135 -06  5715102 3500
7.0     +06 0.0045 -06 7.5     +06 0.0                                5715102 3501
                                                                      5715  0 3502
                                                                      57 0  0 3503
                                                                       0 0  0 3504
```

APPENDIX F

```
 COPYSF      1 FILES FROM FSET21

 LASL TEMP ENDF TAPE WITH TEMP MATS 57. 58. 59. 69, AND 105. 1JUL     8
9.22350E+042.33025E+02          0          1          0          48  57 1451    1
0.          0.                  1          1        137          -0  57 1451    2
*************************************************************************  57 1451    3
*************************************************************************  57 1451    4
**                                                                     **  57 1451    5
**     SAMPLE PROBLEM FOR ETOPL REPORT.  U-235 FROM ENDF/B.            **  57 1451    6
**     VERSION III WITH GAMMA-RAY PRODUCTION ASEC ADDED.               **  57 1451    7
**     PROBLEM ILLUSTRATES EXERCISING ALL LINKS AND OVERLAYS           **  57 1451    8
**     OF CODE SYSTEM EXCEPT MF5 OPTION IN TOPFIL AND KLUST.           **  57 1451    9
**                                                                     **  57 1451   10
*************************************************************************  57 1451   11
*************************************************************************  57 1451   12
**     TEMPERATURE = 1000 DEG K. CROSS SECTIONS IN UNRESOLVED          **  57 1451   13
**     RESONANCE REGION GIVEN FOR SIGMA-ZERO=1.,100.,1000.,10000.,     **  57 1451   14
**     BARNS/ATOM PLUS INF. DIL.  MF4 THIN TOLERANCE = 3.0 PCT.        **  57 1451   15
*************************************************************************  57 1451   16
*************************************************************************  57 1451   17
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *  57 1451   18
*                                                                       *  57 1451   19
*  PHOTON PRODUCTION DATA ADDED BY LASL. MAY 1972.  DATA BY             *  57 1451   20
*  STEWART AND HUNTER FROM LA-4918.                                     *  57 1451   21
*  DATA BELOW 1.09 MEV GIVEN AS MULTIPLICITIES IN MF = 12 FOR           *  57 1451   22
*  MT = 4. MT = 18. AND MT = 102.  ABOVE 1.09 MEV. DATA GIVEN           *  57 1451   23
*  IN MF = 13. MT = 3 WHICH INCLUDES ALL REACTIONS.  NOTE PHOTON*       57 1451   24
*  PRODUCTION DATA GOES UP TO 20 MEV. WHEREAS NEUTRON FILES ARE         *  57 1451   25
*  ONLY UP TO 15 MEV.                                                   *  57 1451   26
*                                                                       *  57 1451   27
*                                                                       *  57 1451   28
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *  57 1451   29
*         *         *         *         *         *                    *  57 1451   30
 U-235     AI.ANC.WARD EVAL-AUG71 ALTER.DUNFORD(AI).LEONARD(BNW)        57 1451   31
 ENDF-161.ENDF-153     DIST-JAN72  PITTERLE.PAIK(WARD).LUBITZ(KARL)    57 1451   32
 *         *         *         *         *         *                    *  57 1451   33
 U-235 CSEWG  EVAL-SEPT69.LEONARD.ALTER.LUBITZ. RE-EVALUATIONS-        57 1451   34
 LEONARD.ALTER.DUNFORD.LUBITZ.PENNINGTON.PITTERLE. AND PAIK.           57 1451   35
         *         *         *         *         *                    *  57 1451   36
 DATA ADJUSTMENTS BASED ON WORK BY  T.A.PITTERLE AND N.C.PAIK          57 1451   37
 (PROC.CONF.NEUTRON CROSS SECTIONS AND TECH.. KNO.VILLE. 3/71.)        57 1451   38
 DATA MOD.FOR ENERGIES GREATER THAN 64.5 EV                            57 1451   39
 USE A VALUE OF 1.32 MEV FOR FISSION SPECTRUM FOR FAST REACTORS        57 1451   40
 *         *         *         *         *         *                    57 1451   41
 URANIUM-235                                                           57 1451   42
           VARIOUS INDIVIDUALS CONTRIBUTED TO TE EVALUATION OF         57 1451   43
           THE CROSS SECTIONS FOR THIS MATERIAL                        57 1451   44
                                                                       57 1451   45
           B.R..LEONARD (BNW)-   CROSS SECTIONS BELOW 1.0 EV          57 1451   46
           H.ALTER AND C.L.DUNFORD-  CROSS SETIONS ABOVE 15 KEV        57 1451   47
           J.R.SMITH- RESOLVED RESONANCE DATA BELOW 82 EV.             57 1451   48
           T.A.PITTERLE- UNRESOLVED RESONANCE DATA BELOW 25 KEV.       57 1451   49
 *         *         *         *         *         *                    57 1451   50
 MAT=1157 IS A PARTIAL REVALUATION OF DATA IN MAT 1102 AND 1044.       57 1451   51
 THE TOTAL AND ALL PARTIAL CROSS SECTIONS FOR NEUTRON ENERGIES         57 1451   52
 BELOW 1.0 EV WERE PROVEDIED BY B.R.LEONARD.JR.(UNPUBLISHED MEMO       57 1451   53
 TO CSEWG(AUG.1969).                                                   57 1451   54
 THE PARTIAL .-SEC WERE OBTAINED BY STARTING WITH DATA GIVEN IN        57 1451   55
 MAT=1044 AND MODIFYING THE SHAPE AND MAGNITUDE OF THESE DATA TO       57 1451   56
 CONFORM TO THE 2200 M/SEC PARAMETERS (INCLUDING G FACTORS) THAT       57 1451   57
```

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WERE OBTAINED DURING THE 1969 IAEA EVALUATION GROUP (SEE- HANNA     57 1451   58
ET AL. ATOMIC ENERGY REVIEW. VOL VII. NO.4. 1969).                 57 1451   59
*         *         *         *         *         *                57 1451   60
THE 2200 M/SEC PARAMETERS ARE                                      57 1451   61
          TOTAL  =   694.276                                       57 1451   62
          ELASTIC=    15.776                                       57 1451   63
          FISSION=   580.200                                       57 1451   64
          N.GAMMA=    98.300                                       57 1451   65
          NU     =     2.423     TOTAL (DELAYED PLUS PROMPT)       57 1451   66
          ALPHA  =     0.16942                                      57 1451   67
          ETA    =     2.07196                                      57 1451   68
*         *         *         *         *         *                57 1451   69
BELOW 1.0 EV DATA GIVEN IN FILE 3 (SMOOTH .-SEC).                  57 1451   70
BETWEEN 1.0 AND 82.0 EV DATA GIVEN AS SLBW  RESOLVED RESONANCE     57 1451   71
PARAMETERS PLUS A SMOOTH BACKGROUND GIVEN IN FILE 3.               57 1451   72
BETWEEN 64.5 EV AND 25.0 KEV ALL DATA GIVEN IN FILE 2 (LRF=2.      57 1451   73
ENERGY DEPENDENT REDUCED NEUTRON WIDTHS AND FISSION WIDTHS).       57 1451   74
ABOVE  25.0 KEV ALL DATA GIVEN IN FILE 3.                          57 1451   75
*         *         *         *         *         *                57 1451   76
BELOW 0.4 EV FISSION .-SEC BASED ON DATA OF B.R.LEONARD(FROM       57 1451   77
SCISRS TAPE) AND THAT OF C.D.BOWMAN ET AL(UCRL-14600). N.GAMMA     57 1451   78
BASED ON ALPHA*FISSION.WHERE ALPHA TAKEN FROM GRAPH IN BNL-325     57 1451   79
PAGE 92-235-33 (FOR ENERGIES BETWEEN 0.07 TO 0.4 EV).              57 1451   80
*         *         *         *         *         *                57 1451   81
ABOVE 25 KEV PARTIAL CROSS SECTIONS EVALUATED(AI-AEC-MEMO-12916.   57 1451   82
JAN.1970) MODIFIED BY PITTERLE AND HUBNER.                         57 1451   83
*         *         *         *         *         *                57 1451   84
RESOLVED RESONANCE PARAMETERS PLUS FILE 3 CONTRIBUTION DESCRIBE    57 1451   85
THE CROSS SECTIONS BETWEEN 1 AND 82 EV.  PARAMETERS ARE FROM A     57 1451   86
SIMULTANEOUS FIT TO TOTAL. FISSION. AND CAPTURE CROSS SECTIONS.    57 1451   87
DATA FIT ARE THOSE OF DESAUSSURE (1). MICHAUDON (2). BLONS (3),    57 1451   88
AND CAO (4). PARAMETERS DERIVED BY J.R. SMITH. AEROJET (IDAHO)     57 1451   89
NUCLEAR CO. AUG 1971.                                              57 1451   90
REFERENCES                                                         57 1451   91
1. G.DESAUSSURE ET AL. ORNL-TM-1804 (1967)                         57 1451   92
2. A.MICHAUDON. CEA-R 2552 (1964)                                  57 1451   93
3. J.BLONS ET AL. PROC. 2D INT CONF NUCL DATA FOR REACTORS.        57 1451   94
   VOL I P.469 (1970)                                              57 1451   95
4. M.G.CAO ET AL. J.NUCL ENERGY VOL 22 P.211 (1968)                57 1451   96
A POTENTIAL SCATTERING CROSS SECTION OF 11.5 B. WAS USED IN THE    57 1451   97
ANALYSIS                                                           57 1451   98
FILE 3. MT=2. CONTAINS THE DIFFERENCE BETWEEN THE SCATTERING AS    57 1451   99
CALCULATED WITH THE PARAMETERS OF FILE 2. USING THE SINGLE-LEVEL   57 1451  100
FORMULA. AND A MULTILEVEL CALCULATION. IN THE MC CALCULATION.      57 1451  101
SIMULATED RESONANCES WERE USED ABOVE AND BELOW THE RESONANCE       57 1451  102
REGION TO COMPENSATE FOR THE INTERFERENCE EFFECTS OF DISTANT       57 1451  103
RESONANCES.                                                        57 1451  104
*         *         *         *         *         *                57 1451  105
UNRESOLVED RESONANCE PARAMETERS WERE OBTAINED BY T.PITTERLE(WARD)  57 1451  106
DOCUMENT AND REFERENCES TO BE PUBLISHED. ENERGY DEPENDENT AVERAGE  57 1451  107
RESONANCE PARAMETERS WERE OBTAINED AND ARE INCLUDED IN FILE 2 AS   57 1451  108
LRU= 2. LRF = 2.                                                   57 1451  109
*         *         *         *         *         *                57 1451  110
ENERGY DEPENDENCE OF NU TAKEN FROM KFK-120 PART-1                  57 1451  111
SIMPLE FISSION SPECTRUM USED T= 1.30 MEV AT THERMAL                57 1451  112
T(E) FROM FORMULA BY  TERRELL  3/2*T(E1=0.75 +0.65(NU(E)+1.0)**.5  57 1451  113
*         *         *         *         *         *                57 1451  114
FISSION PRODUCT YIELD DATA FROM  RECOMMENDED VALUES OF M.E.MEEK    57 1451  115
AND B.F.RIDER. APED-5398-A. REVISED (OCT.1968)                     57 1451  116
YIELDS NORMALIZED FOR A SUM = 2.0000                               57 1451  117
*         *         *         *         *         *                57 1451  118
ANGULAR DISTRIBUTIONS FOR ELASTIC SCATTERING FROM EVAL. BY (AI)    57 1451  119
MT=251.252.253 CALC. FROM  ANG. DISTR DATA                         57 1451  120
ANG. DISTR. OF NEUTRONS FROM INELASTIC SCAT ASSUMMED TO BE         57 1451  121
ISOTROPIC IN C.M. SYSTEM                                           57 1451  122
*         *         *         *         *         *                57 1451  123
INFINITE DILUTION RESONANCE INTEGRALS (ABOVE 0.5 EV)               57 1451  124
          FISSION=                                                 57 1451  125
          N.GAMMA=                                                 57 1451  126
          ELASTIC=                                                 57 1451  127
```

```
*          *          *          *          *          *                 57 1451  128
INELASTIC LEVEL CROSS SECTION FROM EVAL. BY PARKER (AWRE 0-82/631         57 1451  129
*          *          *          *          *          *                 57 1451  130
      ----       ----       ----       ----       ----                    57 1451  131
                                                                          57 1451  132
*          *          *          *          *          *          *      57 1451  133
      OUTPUT FROM THE LUST SEGMENT OF ETOPL IN ENDF FORMAT                57 1451  134
      PREPARED FOR ENDF/B MATERIAL   57  FROM A MODE  3  TAPE.            57 1451  135
      CRITERIA FOR LINEAR FIT OF ENDF/B DATA =    .10000E-01              57 1451  136
      CRITERIA FOR THINNING =    .10000E-04                               57 1451  137
*          *          *          *          *          *          *      57 1451  138
                                                                          57 1451  139
         -0         -0          1        451        187         -0       57 1451  140
         -0         -0          1        452          5         -0       57 1451  141
         -0         -0          1        453         11         -0       57 1451  142
         -0         -0          1        454        370         -0       57 1451  143
         -0         -0          2        151          4         -0       57 1451  144
         -0         -0          3          1        822         -0       57 1451  145
         -0         -0          3          2        822         -0       57 1451  146
         -0         -0          3          4        114         -0       57 1451  147
         -0         -0          3         16         21         -0       57 1451  148
         -0         -0          3         17          6         -0       57 1451  149
         -0         -0          3         18        822         -0       57 1451  150
         -0         -0          3         51        114         -0       57 1451  151
         -0         -0          3         52         91         -0       57 1451  152
         -0         -0          3         53         69         -0       57 1451  153
         -0         -0          3         54         61         -0       57 1451  154
         -0         -0          3         55         59         -0       57 1451  155
         -0         -0          3         56         59         -0       57 1451  156
         -0         -0          3         57         56         -0       57 1451  157
         -0         -0          3         58         55         -0       57 1451  158
         -0         -0          3         59         52         -0       57 1451  159
         -0         -0          3         60         47         -0       57 1451  160
         -0         -0          3         91         39         -0       57 1451  161
         -0         -0          3        102        822         -0       57 1451  162
         -0         -0          3        251         16         -0       57 1451  163
         -0         -0          3        252         16         -0       57 1451  164
         -0         -0          3        253         16         -0       57 1451  165
         -0         -0          4          2        462         -0       57 1451  166
         -0         -0          4         16         10         -0       57 1451  167
         -0         -0          4         17         10         -0       57 1451  168
         -0         -0          4         18         10         -0       57 1451  169
         -0         -0          4         51         10         -0       57 1451  170
         -0         -0          4         52         10         -0       57 1451  171
         -0         -0          4         53         10         -0       57 1451  172
         -0         -0          4         54         10         -0       57 1451  173
         -0         -0          4         55         10         -0       57 1451  174
         -0         -0          4         56         10         -0       57 1451  175
         -0         -0          4         57         10         -0       57 1451  176
         -0         -0          4         58         10         -0       57 1451  177
         -0         -0          4         59         10         -0       57 1451  178
         -0         -0          4         60         10         -0       57 1451  179
         -0         -0          4         91         10         -0       57 1451  180
         -0         -0          5         16         13         -0       57 1451  181
         -0         -0          5         17          9         -0       57 1451  182
         -0         -0          5         18          7         -0       57 1451  183
         -0         -0          5         91          7         -0       57 1451  184
         -0         -0         13          3        822         -0       57 1451  185
         -0         -0         14          3          1         -0       57 1451  186
         -0         -0         15          3        706         -0       57 1451  187
                                                                          57 1  0  188
9.22350+ 4 2.33025+ 2          0          2          0          0       57 1452  189
0.00000+ 0 0.00000+ 0          0          0          1          6       57 1452  190
         6         2                                                      57 1452  191
1.00000- 5 2.42300+ 0 2.50000+ 6 2.69500+ 0 3.00000+ 6 2.73700+ 0        57 1452  192
4.00000+ 6 2.92710+ 0 8.00000+ 6 3.65760+ 0 1.50000+ 7 4.52920+ 0        57 1452  193
                                                                          57 1  0  194
9.22350+ 4 2.33025+ 2          0          0          1          0       57 1453  195
9.22350+ 4 2.33025+ 2          0          0          2          4       57 1453  196
1.00000- 5 2.00000+ 7                                                     57 1453  197
4.67990+ 6 0.00000+ 0          0          0          5          0       57 1453  198
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0.00000+ 0 9.02310+ 4 3.08130-17 1.00000+ 0 1.00000+ 0                57 1453  199
0.00000+ 0-5.23000+ 6           0           0           5         0   57 1453  200
1.60000+ 1 9.22340+ 4 8.85890-14 1.00000+ 0 1.00000+ 0                57 1453  201
0.00000+ 0-1.18500+ 7           0           0           5         0   57 1453  202
1.70000+ 1 9.22330+ 4 1.61540-13 1.00000+ 0 1.00000+ 0                57 1453  203
0.00000+ 0 6.54510+ 6           0           0           5         0   57 1453  204
1.02000+ 2 9.22360+ 4 9.19250-16 1.00000+ 0 1.00000+ 0                57 1453  205
                                                                      57 1  0  206
9.22350+ 4 2.33025+ 2           3           0           0         0   57 1454  207
1.00000- 5 0.00000+ 0           2           0         732       244   57 1454  208
3.00720+ 4 0.00000+ 0 1.59540- 7 3.00730+ 4 0.00000+ 0 1.09690- 6     57 1454  209
3.10740+ 4 0.00000+ 0 3.49000- 6 3.10750+ 4 0.00000+ 0 1.19660- 5     57 1454  210
3.10760+ 4 0.00000+ 0 3.49000- 5 3.10770+ 4 0.00000+ 0 4.78630- 5     57 1454  211
3.20750+ 4 0.00000+ 0 0.00000+ 0 3.20760+ 4 0.00000+ 0 0.00000+ 0     57 1454  212
3.20770+ 4 0.00000+ 0 3.49000- 5 3.20780+ 4 0.00000+ 0 1.99430- 4     57 1454  213
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3.30800+ 4 0.00000+ 0 9.37310- 4 3.30810+ 4 0.00000+ 0 1.79490- 3     57 1454  216
3.40810+ 4 0.00000+ 0 0.00000+ 0 3.40820+ 4 0.00000+ 0 2.39310- 3     57 1454  217
3.40830+ 4 0.00000+ 0 5.18510- 3 3.40840+ 4 0.00000+ 0 9.27340- 3     57 1454  218
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4.71170+ 4 0.00000+ 0 3.39030- 5 4.71180+ 4 0.00000+ 0 1.39600- 4     57 1454  267
4.81160+ 4 0.00000+ 0 0.00000+ 0 4.81170+ 4 0.00000+ 0 0.00000+ 0     57 1454  268
4.81180+ 4 0.00000+ 0 0.00000+ 0 4.81190+ 4 0.00000+ 0 1.39600- 4     57 1454  269
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4.81200+	4	0.00000+	0	1.29630-	4	4.81210+	4	0.00000+	0	1.29630-	4	57	1454	270
4.91200+	4	0.00000+	0	9.97140-	6	4.91210+	4	0.00000+	0	9.97140-	6	57	1454	271
4.91230+	4	0.00000+	0	1.59540-	4	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	272
5.01220+	4	0.00000+	0	1.49570-	4	5.01230+	4	0.00000+	0	0.00000+	0	57	1454	273
5.01240+	4	0.00000+	0	1.79490-	4	5.01250+	4	0.00000+	0	1.93450-	4	57	1454	274
5.01260+	4	0.00000+	0	3.09110-	4	5.01270+	4	0.00000+	0	1.09690-	3	57	1454	275
5.01280+	4	0.00000+	0	3.68940-	3	5.01290+	4	0.00000+	0	4.48710-	3	57	1454	276
5.01300+	4	0.00000+	0	1.09690-	2	5.01310+	4	0.00000+	0	1.27630-	2	57	1454	277
5.01320+	4	0.00000+	0	5.88310-	3	5.01330+	4	0.00000+	0	1.49570-	4	57	1454	278
5.11240+	4	0.00000+	0	1.99430-	7	5.11250+	4	0.00000+	0	1.59540-	5	57	1454	279
5.11260+	4	0.00000+	0	9.97140-	6	5.11270+	4	0.00000+	0	2.69230-	4	57	1454	280
5.11280+	4	0.00000+	0	8.97430-	4	5.11290+	4	0.00000+	0	5.48430-	3	57	1454	281
5.11300+	4	0.00000+	0	8.97430-	3	5.11310+	4	0.00000+	0	1.41590-	2	57	1454	282
5.11320+	4	0.00000+	0	2.75210-	2	5.11330+	4	0.00000+	0	3.37530-	2	57	1454	283
5.11340+	4	0.00000+	0	3.19090-	3	5.11350+	4	0.00000+	0	7.47860-	3	57	1454	284
5.21270+	4	0.00000+	0	0.00000+	0	5.21280+	4	0.00000+	0	0.00000+	0	57	1454	285
5.21290+	4	0.00000+	0	0.00000+	0	5.21300+	4	0.00000+	0	9.97140-	4	57	1454	286
5.21310+	4	0.00000+	0	2.02420-	3	5.21320+	4	0.00000+	0	9.07400-	3	57	1454	287
5.21330+	4	0.00000+	0	3.28060-	2	5.21340+	4	0.00000+	0	6.56120-	2	57	1454	288
5.21350+	4	0.00000+	0	2.64240-	2	5.31280+	4	0.00000+	0	3.78910-	7	57	1454	289
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	1.16670-	5	57	1454	290
5.31310+	4	0.00000+	0	6.98000-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	291
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	8.97430-	3	57	1454	292
5.31350+	4	0.00000+	0	2.76210-	2	5.41340+	4	0.00000+	0	0.00000+	0	57	1454	293
5.41350+	4	0.00000+	0	1.29630-	3	5.41360+	4	0.00000+	0	6.44150-	2	57	1454	294
5.41370+	4	0.00000+	0	5.98280-	2	5.41380+	4	0.00000+	0	5.88310-	2	57	1454	295
5.41390+	4	0.00000+	0	5.38460-	2	5.41400+	4	0.00000+	0	3.78910-	2	57	1454	296
5.41410+	4	0.00000+	0	1.32620-	2	5.41420+	4	0.00000+	0	3.49000-	3	57	1454	297
5.41430+	4	0.00000+	0	5.08540-	4	5.41440+	4	0.00000+	0	5.98280-	5	57	1454	298
5.51350+	4	0.00000+	0	1.29630-	3	5.51360+	4	0.00000+	0	5.98280-	5	57	1454	299
5.51370+	4	0.00000+	0	1.99430-	3	5.51380+	4	0.00000+	0	7.97710-	3	57	1454	300
5.51390+	4	0.00000+	0	1.06690-	2	5.51400+	4	0.00000+	0	2.09400-	2	57	1454	301
5.51410+	4	0.00000+	0	3.26070-	2	5.51420+	4	0.00000+	0	2.94160-	2	57	1454	302
5.51430+	4	0.00000+	0	1.54460-	2	5.51440+	4	0.00000+	0	4.92590-	3	57	1454	303
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	304
5.61380+	4	0.00000+	0	9.97140-	5	5.61390+	4	0.00000+	0	9.97140-	5	57	1454	305
5.61400+	4	0.00000+	0	3.98860-	3	5.61410+	4	0.00000+	0	1.49570-	2	57	1454	306
5.61420+	4	0.00000+	0	2.48290-	2	5.61430+	4	0.00000+	0	3.58970-	2	57	1454	307
5.61440+	4	0.00000+	0	3.68940-	2	5.71400+	4	0.00000+	0	3.98860-	4	57	1454	308
5.71410+	4	0.00000+	0	0.00000+	0	5.71420+	4	0.00000+	0	4.98570-	4	57	1454	309
5.71430+	4	0.00000+	0	6.78060-	3	5.71440+	4	0.00000+	0	9.97140-	3	57	1454	310
5.81420+	4	0.00000+	0	5.98280-	4	5.81430+	4	0.00000+	0	2.99140-	4	57	1454	311
5.81440+	4	0.00000+	0	1.99430-	3	5.81450+	4	0.00000+	0	3.86890-	2	57	1454	312
5.81460+	4	0.00000+	0	2.87180-	2	5.81470+	4	0.00000+	0	1.99430-	2	57	1454	313
5.81480+	4	0.00000+	0	1.29630-	2	5.91450+	4	0.00000+	0	1.99430-	4	57	1454	314
5.91460+	4	0.00000+	0	6.98000-	4	5.91470+	4	0.00000+	0	1.89460-	3	57	1454	315
5.91480+	4	0.00000+	0	3.49000-	3	6.01480+	4	0.00000+	0	1.99430-	4	57	1454	316
6.01490+	4	0.00000+	0	1.03700-	2	6.01500+	4	0.00000+	0	6.48140-	3	57	1454	317
6.01510+	4	0.00000+	0	4.18800-	3	6.11480+	4	0.00000+	0	1.99430-	6	57	1454	318
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	1.39600-	5	57	1454	319
6.11510+	4	0.00000+	0	9.97140-	5	6.11520+	4	0.00000+	0	2.39310-	3	57	1454	320
6.11540+	4	0.00000+	0	5.98280-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	321
6.21530+	4	0.00000+	0	1.57550-	3	6.21540+	4	0.00000+	0	3.98860-	5	57	1454	322
6.21550+	4	0.00000+	0	3.09110-	4	6.21560+	4	0.00000+	0	1.29630-	4	57	1454	323
6.21570+	4	0.00000+	0	5.68370-	5	6.31540+	4	0.00000+	0	5.98280-	7	57	1454	324
6.31550+	4	0.00000+	0	0.00000+	0	6.31560+	4	0.00000+	0	3.98860-	6	57	1454	325
6.31570+	4	0.00000+	0	8.97430-	6	6.31580+	4	0.00000+	0	3.68940-	5	57	1454	326
6.31590+	4	0.00000+	0	1.04700-	5	6.31600+	4	0.00000+	0	2.49290-	6	57	1454	327
6.41580+	4	0.00000+	0	0.00000+	0	6.41590+	4	0.00000+	0	0.00000+	0	57	1454	328
6.41600+	4	0.00000+	0	7.97710-	7	6.41610+	4	0.00000+	0	7.77770-	7	57	1454	329
6.51600+	4	0.00000+	0	2.99140-	8	6.51610+	4	0.00000+	0	3.98860-	8	57	1454	330
1.95000+	6	0.00000+	0		2		0		732		244	57	1454	331
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	332
3.10740+	4	0.00000+	0	1.43090-	5	3.10750+	4	0.00000+	0	1.75220-	4	57	1454	333
3.10760+	4	0.00000+	0	2.72560-	4	3.10770+	4	0.00000+	0	4.08840-	4	57	1454	334
3.20750+	4	0.00000+	0	0.00000+	0	3.20760+	4	0.00000+	0	1.94690-	5	57	1454	335
3.20770+	4	0.00000+	0	5.84060-	5	3.20780+	4	0.00000+	0	7.20340-	4	57	1454	336
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	0.00000+	0	57	1454	337
3.30780+	4	0.00000+	0	1.94690-	5	3.30790+	4	0.00000+	0	1.16810-	3	57	1454	338
3.30800+	4	0.00000+	0	1.84950-	3	3.30810+	4	0.00000+	0	2.92030-	3	57	1454	339
3.40810+	4	0.00000+	0	9.73430-	5	3.40820+	4	0.00000+	0	4.18570-	3	57	1454	340

3.40830+	4	0.00000+	0	5.64590-	3	3.40840+	4	0.00000+	0	1.01240-	2	57	1454	341
3.40850+	4	0.00000+	0	1.15840-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	342
3.50820+	4	0.00000+	0	0.00000+	0	3.50830+	4	0.00000+	0	3.40700-	4	57	1454	343
3.50840+	4	0.00000+	0	2.92030-	4	3.50850+	4	0.00000+	0	2.82290-	3	57	1454	344
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	9.73430-	5	57	1454	345
3.60860+	4	0.00000+	0	1.87870-	2	3.60870+	4	0.00000+	0	2.58930-	2	57	1454	346
3.60880+	4	0.00000+	0	3.40700-	2	3.60890+	4	0.00000+	0	4.47780-	2	57	1454	347
3.60900+	4	0.00000+	0	4.18570-	2	3.60910+	4	0.00000+	0	3.50430-	2	57	1454	348
3.60920+	4	0.00000+	0	2.72540-	2	3.60930+	4	0.00000+	0	1.75220-	2	57	1454	349
3.60940+	4	0.00000+	0	8.46880-	3	3.60950+	4	0.00000+	0	4.18570-	3	57	1454	350
3.60970+	4	0.00000+	0	0.00000+	0	3.70850+	4	0.00000+	0	0.00000+	0	57	1454	351
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.26550-	3	57	1454	352
3.70890+	4	0.00000+	0	3.89370-	3	3.70900+	4	0.00000+	0	8.76080-	3	57	1454	353
3.70910+	4	0.00000+	0	1.65480-	2	3.70920+	4	0.00000+	0	2.33620-	2	57	1454	354
3.70930+	4	0.00000+	0	2.82290-	2	3.70940+	4	0.00000+	0	2.65750-	2	57	1454	355
3.70950+	4	0.00000+	0	2.20970-	2	3.70970+	4	0.00000+	0	6.61930-	3	57	1454	356
3.80900+	4	0.00000+	0	3.89370-	4	3.80910+	4	0.00000+	0	1.94690-	3	57	1454	357
3.80920+	4	0.00000+	0	5.84060-	3	3.80930+	4	0.00000+	0	1.26550-	2	57	1454	358
3.80940+	4	0.00000+	0	2.14150-	2	3.80950+	4	0.00000+	0	2.82290-	2	57	1454	359
3.80970+	4	0.00000+	0	2.64770-	2	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	360
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	9.73430-	4	57	1454	361
3.90940+	4	0.00000+	0	3.89370-	3	3.90950+	4	0.00000+	0	1.07080-	2	57	1454	362
3.90960+	4	0.00000+	0	5.93790-	2	3.90970+	4	0.00000+	0	2.62830-	2	57	1454	363
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	364
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	0.00000+	0	57	1454	365
4.00960+	4	0.00000+	0	2.92030-	3	4.00970+	4	0.00000+	0	6.52200-	3	57	1454	366
4.00980+	4	0.00000+	0	5.54850-	2	4.00990+	4	0.00000+	0	4.76980-	2	57	1454	367
4.10950+	4	0.00000+	0	0.00000+	0	4.10990+	4	0.00000+	0	0.00000+	0	57	1454	368
4.10970+	4	0.00000+	0	0.00000+	0	4.10980+	4	0.00000+	0	3.89370-	3	57	1454	369
4.10990+	4	0.00000+	0	9.73430-	3	4.11000+	4	0.00000+	0	5.35380-	2	57	1454	370
4.11010+	4	0.00000+	0	4.47780-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	371
4.20990+	4	0.00000+	0	0.00000+	0	4.21000+	4	0.00000+	0	0.00000+	0	57	1454	372
4.21010+	4	0.00000+	0	7.78740-	3	4.21020+	4	0.00000+	0	4.38040-	2	57	1454	373
4.21030+	4	0.00000+	0	3.11500-	2	4.21040+	4	0.00000+	0	1.83980-	2	57	1454	374
4.21050+	4	0.00000+	0	1.26550-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	375
4.31010+	4	0.00000+	0	5.84060-	4	4.31020+	4	0.00000+	0	1.46010-	3	57	1454	376
4.31030+	4	0.00000+	0	2.92030-	3	4.31040+	4	0.00000+	0	4.28310-	3	57	1454	377
4.31050+	4	0.00000+	0	1.94690-	3	4.31060+	4	0.00000+	0	8.95550-	3	57	1454	378
4.31070+	4	0.00000+	0	3.30970-	3	4.31080+	4	0.00000+	0	2.14150-	3	57	1454	379
4.41040+	4	0.00000+	0	1.94690-	4	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	380
4.41060+	4	0.00000+	0	4.86710-	4	4.41070+	4	0.00000+	0	1.94690-	4	57	1454	381
4.41080+	4	0.00000+	0	1.94690-	4	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	382
4.51090+	4	0.00000+	0	1.42120-	3	4.51100+	4	0.00000+	0	1.07080-	3	57	1454	383
4.51110+	4	0.00000+	0	4.47780-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	384
4.61120+	4	0.00000+	0	3.89370-	4	4.61130+	4	0.00000+	0	3.32910-	4	57	1454	385
4.61140+	4	0.00000+	0	3.29020-	4	4.61150+	4	0.00000+	0	3.01760-	4	57	1454	386
4.61160+	4	0.00000+	0	2.96900-	4	4.61170+	4	0.00000+	0	2.53090-	4	57	1454	387
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	3.89370-	6	57	1454	388
4.71150+	4	0.00000+	0	2.92030-	5	4.71160+	4	0.00000+	0	5.15920-	5	57	1454	389
4.71170+	4	0.00000+	0	9.73430-	5	4.71180+	4	0.00000+	0	3.40700-	4	57	1454	390
4.81160+	4	0.00000+	0	9.73430-	7	4.81170+	4	0.00000+	0	1.94690-	5	57	1454	391
4.81180+	4	0.00000+	0	4.86710-	5	4.81190+	4	0.00000+	0	3.69900-	4	57	1454	392
4.81200+	4	0.00000+	0	3.60170-	4	4.81210+	4	0.00000+	0	3.40700-	4	57	1454	393
4.91200+	4	0.00000+	0	1.94690-	5	4.91210+	4	0.00000+	0	4.86710-	5	57	1454	394
4.91230+	4	0.00000+	0	8.37150-	4	5.01210+	4	0.00000+	0	9.73430-	6	57	1454	395
5.01220+	4	0.00000+	0	6.03520-	4	5.01230+	4	0.00000+	0	7.78740-	5	57	1454	396
5.01240+	4	0.00000+	0	1.26550-	3	5.01250+	4	0.00000+	0	7.59270-	4	57	1454	397
5.01260+	4	0.00000+	0	2.92030-	3	5.01270+	4	0.00000+	0	3.30970-	3	57	1454	398
5.01280+	4	0.00000+	0	5.06180-	3	5.01290+	4	0.00000+	0	7.00870-	3	57	1454	399
5.01300+	4	0.00000+	0	8.46880-	3	5.01310+	4	0.00000+	0	1.20700-	2	57	1454	400
5.01320+	4	0.00000+	0	9.73430-	3	5.01330+	4	0.00000+	0	6.81400-	3	57	1454	401
5.11240+	4	0.00000+	0	1.26550-	5	5.11250+	4	0.00000+	0	1.28490-	3	57	1454	402
5.11260+	4	0.00000+	0	3.89370-	4	5.11270+	4	0.00000+	0	1.16810-	3	57	1454	403
5.11280+	4	0.00000+	0	1.65480-	3	5.11290+	4	0.00000+	0	4.67240-	3	57	1454	404
5.11300+	4	0.00000+	0	9.05290-	3	5.11310+	4	0.00000+	0	1.36280-	2	57	1454	405
5.11320+	4	0.00000+	0	2.23890-	2	5.11330+	4	0.00000+	0	2.62830-	2	57	1454	406
5.11340+	4	0.00000+	0	1.55750-	2	5.11350+	4	0.00000+	0	7.00870-	3	57	1454	407
5.21270+	4	0.00000+	0	9.73430-	5	5.21280+	4	0.00000+	0	1.94690-	4	57	1454	408
5.21290+	4	0.00000+	0	9.73430-	4	5.21300+	4	0.00000+	0	2.92030-	3	57	1454	409
5.21310+	4	0.00000+	0	4.86710-	3	5.21320+	4	0.00000+	0	1.55750-	2	57	1454	410
5.21330+	4	0.00000+	0	3.20260-	2	5.21340+	4	0.00000+	0	3.21230-	2	57	1454	411

5.21350+	4	0.00000+	0	2.60880-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	412
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	5.84060-	5	57	1454	413
5.31310+	4	0.00000+	0	9.73430-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	414
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	1.84950-	2	57	1454	415
5.31350+	4	0.00000+	0	2.53090-	2	5.41340+	4	0.00000+	0	2.82290-	3	57	1454	416
5.41350+	4	0.00000+	0	4.86710-	3	5.41360+	4	0.00000+	0	5.77240-	2	57	1454	417
5.41370+	4	0.00000+	0	5.25650-	2	5.41380+	4	0.00000+	0	4.67240-	2	57	1454	418
5.41390+	4	0.00000+	0	3.21230-	2	5.41400+	4	0.00000+	0	2.04420-	2	57	1454	419
5.41410+	4	0.00000+	0	1.16810-	2	5.41420+	4	0.00000+	0	5.06180-	3	57	1454	420
5.41430+	4	0.00000+	0	1.75220-	3	5.41440+	4	0.00000+	0	1.16810-	4	57	1454	421
5.51350+	4	0.00000+	0	3.89370-	4	5.51360+	4	0.00000+	0	3.60170-	3	57	1454	422
5.51370+	4	0.00000+	0	8.27410-	3	5.51380+	4	0.00000+	0	1.60620-	2	57	1454	423
5.51390+	4	0.00000+	0	2.23890-	2	5.51400+	4	0.00000+	0	2.53090-	2	57	1454	424
5.51410+	4	0.00000+	0	2.82290-	2	5.51420+	4	0.00000+	0	2.21940-	2	57	1454	425
5.51430+	4	0.00000+	0	1.38230-	2	5.51440+	4	0.00000+	0	6.98920-	3	57	1454	426
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	427
5.61380+	4	0.00000+	0	1.46010-	3	5.61390+	4	0.00000+	0	4.86710-	3	57	1454	428
5.61400+	4	0.00000+	0	9.73430-	3	5.61410+	4	0.00000+	0	1.84950-	2	57	1454	429
5.61420+	4	0.00000+	0	2.33620-	2	5.61430+	4	0.00000+	0	2.62830-	2	57	1454	430
5.61440+	4	0.00000+	0	2.20970-	2	5.71400+	4	0.00000+	0	0.00000+	0	57	1454	431
5.71410+	4	0.00000+	0	2.92030-	3	5.71420+	4	0.00000+	0	6.03520-	3	57	1454	432
5.71430+	4	0.00000+	0	1.36280-	2	5.71440+	4	0.00000+	0	1.75220-	2	57	1454	433
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	9.73430-	4	57	1454	434
5.81440+	4	0.00000+	0	3.40700-	3	5.81450+	4	0.00000+	0	3.73800-	2	57	1454	435
5.81460+	4	0.00000+	0	2.82290-	2	5.81470+	4	0.00000+	0	2.04420-	2	57	1454	436
5.81480+	4	0.00000+	0	1.36280-	2	5.91450+	4	0.00000+	0	9.73430-	5	57	1454	437
5.91460+	4	0.00000+	0	9.73430-	4	5.91470+	4	0.00000+	0	1.94690-	3	57	1454	438
5.91480+	4	0.00000+	0	3.21230-	3	6.01480+	4	0.00000+	0	1.94690-	4	57	1454	439
6.01490+	4	0.00000+	0	1.11940-	2	6.01500+	4	0.00000+	0	8.09890-	3	57	1454	440
6.01510+	4	0.00000+	0	3.79640-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	441
6.11490+	4	0.00000+	0	9.73430-	5	6.11500+	4	0.00000+	0	3.69900-	4	57	1454	442
6.11510+	4	0.00000+	0	4.67240-	4	6.11520+	4	0.00000+	0	2.97870-	3	57	1454	443
6.11540+	4	0.00000+	0	8.66350-	4	6.21520+	4	0.00000+	0	2.92030-	5	57	1454	444
6.21530+	4	0.00000+	0	2.04420-	3	6.21540+	4	0.00000+	0	8.76080-	5	57	1454	445
6.21550+	4	0.00000+	0	6.91130-	4	6.21560+	4	0.00000+	0	2.33620-	4	57	1454	446
6.21570+	4	0.00000+	0	1.46010-	4	6.31540+	4	0.00000+	0	0.00000+	0	57	1454	447
6.31550+	4	0.00000+	0	0.00000+	0	6.31550+	4	0.00000+	0	9.73430-	6	57	1454	448
6.31570+	4	0.00000+	0	1.94690-	5	6.31580+	4	0.00000+	0	7.98210-	5	57	1454	449
6.31590+	4	0.00000+	0	3.30970-	5	6.31600+	4	0.00000+	0	1.16810-	5	57	1454	450
6.31600+	4	0.00000+	0	3.89370-	8	6.41580+	4	0.00000+	0	1.94690-	6	57	1454	451
6.41590+	4	0.00000+	0	0.00000+	0	6.41600+	4	0.00000+	0	1.94690-	6	57	1454	452
6.41610+	4	0.00000+	0	4.47780-	6	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	453
1.50000+	7	0.00000+	0		2		0	732		244		57	1454	454
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	455
3.10740+	4	0.00000+	0	2.59720-	4	3.10750+	4	0.00000+	0	3.82230-	4	57	1454	456
3.10760+	4	0.00000+	0	5.39040-	4	3.10770+	4	0.00000+	0	6.46850-	4	57	1454	457
3.20750+	4	0.00000+	0	1.96020-	5	3.20750+	4	0.00000+	0	6.86050-	5	57	1454	458
3.20770+	4	0.00000+	0	1.76410-	4	3.20780+	4	0.00000+	0	9.80080-	4	57	1454	459
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	9.80080-	6	57	1454	460
3.30780+	4	0.00000+	0	9.80080-	5	3.30790+	4	0.00000+	0	1.66610-	3	57	1454	461
3.30800+	4	0.00000+	0	1.86210-	3	3.30810+	4	0.00000+	0	2.25420-	3	57	1454	462
3.40810+	4	0.00000+	0	1.96020-	4	3.40820+	4	0.00000+	0	3.72430-	3	57	1454	463
3.40830+	4	0.00000+	0	1.06830-	2	3.40840+	4	0.00000+	0	1.27410-	2	57	1454	464
3.40850+	4	0.00000+	0	1.30350-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	465
3.50820+	4	0.00000+	0	3.92030-	5	3.50830+	4	0.00000+	0	6.86050-	4	57	1454	466
3.50840+	4	0.00000+	0	1.96020-	3	3.50850+	4	0.00000+	0	5.97850-	3	57	1454	467
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	5.88050-	4	57	1454	468
3.60860+	4	0.00000+	0	2.45020-	2	3.60870+	4	0.00000+	0	2.94020-	2	57	1454	469
3.60880+	4	0.00000+	0	3.23430-	2	3.60890+	4	0.00000+	0	3.62630-	2	57	1454	470
3.60900+	4	0.00000+	0	3.03820-	2	3.60910+	4	0.00000+	0	1.76410-	2	57	1454	471
3.60920+	4	0.00000+	0	7.35060-	3	3.60930+	4	0.00000+	0	1.86210-	3	57	1454	472
3.60940+	4	0.00000+	0	3.52830-	3	3.60950+	4	0.00000+	0	9.80080-	4	57	1454	473
3.60970+	4	0.00000+	0	0.00000+	0	3.70850+	4	0.00000+	0	0.00000+	0	57	1454	474
3.70870+	4	0.00000+	0	9.80080-	4	3.70880+	4	0.00000+	0	2.94020-	3	57	1454	475
3.70890+	4	0.00000+	0	6.86050-	3	3.70900+	4	0.00000+	0	1.17610-	2	57	1454	476
3.70910+	4	0.00000+	0	2.54820-	2	3.70920+	4	0.00000+	0	2.98920-	2	57	1454	477
3.70930+	4	0.00000+	0	2.75400-	2	3.70940+	4	0.00000+	0	1.70530-	2	57	1454	478
3.70950+	4	0.00000+	0	1.07810-	2	3.70970+	4	0.00000+	0	0.00000+	0	57	1454	479
3.80900+	4	0.00000+	0	1.96020-	3	3.80910+	4	0.00000+	0	4.90040-	3	57	1454	480
3.80920+	4	0.00000+	0	9.80080-	3	3.80930+	4	0.00000+	0	1.56810-	2	57	1454	481
3.80940+	4	0.00000+	0	2.05820-	2	3.80950+	4	0.00000+	0	2.25420-	2	57	1454	482

3.80970+	4	0.00000+	0	3.03820-	3	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	483
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	2.94020-	3	57	1454	484
3.90940+	4	0.00000+	0	6.86050-	3	3.90950+	4	0.00000+	0	1.17610-	2	57	1454	485
3.90960+	4	0.00000+	0	4.41030-	2	3.90970+	4	0.00000+	0	1.85230-	2	57	1454	486
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	487
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	9.80080-	4	57	1454	488
4.00960+	4	0.00000+	0	3.92030-	3	4.00970+	4	0.00000+	0	2.74420-	2	57	1454	489
4.00980+	4	0.00000+	0	4.70440-	2	4.00990+	4	0.00000+	0	4.01830-	2	57	1454	490
4.10950+	4	0.00000+	0	0.00000+	0	4.10950+	4	0.00000+	0	2.94020-	5	57	1454	491
4.10970+	4	0.00000+	0	1.07810-	2	4.10980+	4	0.00000+	0	0.00000+	0	57	1454	492
4.10990+	4	0.00000+	0	1.07810-	2	4.11000+	4	0.00000+	0	4.11630-	2	57	1454	493
4.11010+	4	0.00000+	0	2.84220-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	494
4.20990+	4	0.00000+	0	9.80080-	4	4.21000+	4	0.00000+	0	3.92030-	3	57	1454	495
4.21010+	4	0.00000+	0	9.80080-	3	4.21020+	4	0.00000+	0	3.43030-	2	57	1454	496
4.21030+	4	0.00000+	0	2.84220-	2	4.21040+	4	0.00000+	0	1.56810-	2	57	1454	497
4.21050+	4	0.00000+	0	1.17610-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	498
4.31010+	4	0.00000+	0	9.80080-	4	4.31020+	4	0.00000+	0	2.94020-	3	57	1454	499
4.31030+	4	0.00000+	0	4.90040-	3	4.31040+	4	0.00000+	0	6.86050-	3	57	1454	500
4.31050+	4	0.00000+	0	6.86050-	3	4.31060+	4	0.00000+	0	1.76410-	2	57	1454	501
4.31070+	4	0.00000+	0	1.27410-	2	4.31080+	4	0.00000+	0	1.07810-	2	57	1454	502
4.41040+	4	0.00000+	0	9.80080-	4	4.41050+	4	0.00000+	0	9.80080-	4	57	1454	503
4.41060+	4	0.00000+	0	9.80080-	4	4.41070+	4	0.00000+	0	9.80080-	4	57	1454	504
4.41080+	4	0.00000+	0	1.96020-	3	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	505
4.51090+	4	0.00000+	0	1.28390-	2	4.51100+	4	0.00000+	0	1.17610-	2	57	1454	506
4.51110+	4	0.00000+	0	1.09770-	2	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	507
4.61120+	4	0.00000+	0	7.93860-	3	4.61130+	4	0.00000+	0	1.17610-	2	57	1454	508
4.61140+	4	0.00000+	0	9.70280-	3	4.61150+	4	0.00000+	0	8.91870-	3	57	1454	509
4.61160+	4	0.00000+	0	7.44860-	3	4.61170+	4	0.00000+	0	5.48840-	3	57	1454	510
4.71110+	4	0.00000+	0	3.92030-	4	4.71140+	4	0.00000+	0	9.80080-	5	57	1454	511
4.71150+	4	0.00000+	0	1.27410-	3	4.71160+	4	0.00000+	0	2.35220-	3	57	1454	512
4.71170+	4	0.00000+	0	3.72430-	3	4.71180+	4	0.00000+	0	8.33070-	3	57	1454	513
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	5.88050-	4	57	1454	514
4.81180+	4	0.00000+	0	1.47010-	3	4.81190+	4	0.00000+	0	9.80080-	3	57	1454	515
4.81200+	4	0.00000+	0	9.40870-	3	4.81210+	4	0.00000+	0	8.62470-	3	57	1454	516
4.91200+	4	0.00000+	0	1.37210-	3	4.91210+	4	0.00000+	0	3.13620-	3	57	1454	517
4.91230+	4	0.00000+	0	9.80080-	3	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	518
5.01220+	4	0.00000+	0	1.17610-	2	5.01230+	4	0.00000+	0	1.96020-	3	57	1454	519
5.01240+	4	0.00000+	0	1.17610-	2	5.01250+	4	0.00000+	0	1.31330-	2	57	1454	520
5.01260+	4	0.00000+	0	1.27410-	2	5.01270+	4	0.00000+	0	1.37210-	2	57	1454	521
5.01280+	4	0.00000+	0	1.27410-	2	5.01290+	4	0.00000+	0	9.80080-	3	57	1454	522
5.01300+	4	0.00000+	0	1.17610-	2	5.01310+	4	0.00000+	0	9.80080-	3	57	1454	523
5.01320+	4	0.00000+	0	5.29240-	3	5.01330+	4	0.00000+	0	2.94020-	3	57	1454	524
5.11240+	4	0.00000+	0	5.97850-	4	5.11250+	4	0.00000+	0	1.56810-	3	57	1454	525
5.11260+	4	0.00000+	0	4.90040-	3	5.11270+	4	0.00000+	0	8.62470-	3	57	1454	526
5.11280+	4	0.00000+	0	1.07810-	2	5.11290+	4	0.00000+	0	1.07810-	2	57	1454	527
5.11300+	4	0.00000+	0	1.66610-	2	5.11310+	4	0.00000+	0	1.96020-	2	57	1454	528
5.11320+	4	0.00000+	0	1.82290-	2	5.11330+	4	0.00000+	0	1.56810-	2	57	1454	529
5.11340+	4	0.00000+	0	6.76250-	3	5.11350+	4	0.00000+	0	1.47010-	3	57	1454	530
5.21270+	4	0.00000+	0	1.96020-	3	5.21280+	4	0.00000+	0	2.94020-	3	57	1454	531
5.21290+	4	0.00000+	0	9.80080-	3	5.21300+	4	0.00000+	0	5.88050-	3	57	1454	532
5.21310+	4	0.00000+	0	9.80080-	3	5.21320+	4	0.00000+	0	1.76410-	2	57	1454	533
5.21330+	4	0.00000+	0	2.25420-	2	5.21340+	4	0.00000+	0	2.36200-	2	57	1454	534
5.21350+	4	0.00000+	0	1.42110-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	535
5.31290+	4	0.00000+	0	9.80080-	4	5.31300+	4	0.00000+	0	3.23430-	4	57	1454	536
5.31310+	4	0.00000+	0	1.96020-	3	5.31320+	4	0.00000+	0	7.84060-	3	57	1454	537
5.31330+	4	0.00000+	0	1.17610-	2	5.31340+	4	0.00000+	0	2.15620-	2	57	1454	538
5.31350+	4	0.00000+	0	2.84220-	2	5.41340+	4	0.00000+	0	4.90040-	3	57	1454	539
5.41350+	4	0.00000+	0	1.47010-	2	5.41360+	4	0.00000+	0	4.31230-	2	57	1454	540
5.41370+	4	0.00000+	0	4.41030-	2	5.41380+	4	0.00000+	0	3.62630-	2	57	1454	541
5.41390+	4	0.00000+	0	2.94020-	2	5.41400+	4	0.00000+	0	9.21270-	3	57	1454	542
5.41410+	4	0.00000+	0	2.05820-	3	5.41420+	4	0.00000+	0	1.56810-	3	57	1454	543
5.41430+	4	0.00000+	0	1.47010-	4	5.41440+	4	0.00000+	0	0.00000+	0	57	1454	544
5.51350+	4	0.00000+	0	9.80080-	4	5.51360+	4	0.00000+	0	1.86210-	3	57	1454	545
5.51370+	4	0.00000+	0	1.37210-	2	5.51380+	4	0.00000+	0	7.84060-	3	57	1454	[illegible]
5.51390+	4	0.00000+	0	1.17610-	2	5.51400+	4	0.00000+	0	2.11700-	2	57	1454	547
5.51410+	4	0.00000+	0	1.65630-	2	5.51420+	4	0.00000+	0	1.11730-	2	57	1454	548
5.51430+	4	0.00000+	0	6.12550-	3	5.51440+	4	0.00000+	0	2.35220-	3	57	1454	549
5.61360+	4	0.00000+	0	1.96020-	5	5.61370+	4	0.00000+	0	9.80080-	4	57	1454	550
5.61380+	4	0.00000+	0	3.92030-	3	5.61390+	4	0.00000+	0	7.84060-	3	57	1454	551
5.61400+	4	0.00000+	0	1.27410-	2	5.61410+	4	0.00000+	0	1.47010-	2	57	1454	552

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5.61420+ 4 0.00000+ 0 1.86210- 2 5.61430+ 4 0.00000+ 0 1.72490- 2  57 1454  553
5.61440+ 4 0.00000+ 0 1.13690- 2 5.71400+ 4 0.00000+ 0 1.96020- 3  57 1454  554
5.71410+ 4 0.00000+ 0 3.92030- 3 5.71420+ 4 0.00000+ 0 7.84060- 3  57 1454  555
5.71430+ 4 0.00000+ 0 1.27410- 2 5.71440+ 4 0.00000+ 0 1.47010- 2  57 1454  556
5.81420+ 4 0.00000+ 0 0.00000+ 0 5.81430+ 4 0.00000+ 0 1.96020- 3  57 1454  557
5.81440+ 4 0.00000+ 0 3.92030- 3 5.81450+ 4 0.00000+ 0 2.74420- 2  57 1454  558
5.81460+ 4 0.00000+ 0 2.15620- 2 5.81470+ 4 0.00000+ 0 1.56810- 2  57 1454  559
5.81480+ 4 0.00000+ 0 8.62470- 3 5.91450+ 4 0.00000+ 0 9.80080- 4  57 1454  560
5.91460+ 4 0.00000+ 0 1.96020- 3 5.91470+ 4 0.00000+ 0 3.92030- 3  57 1454  561
5.91480+ 4 0.00000+ 0 4.11630- 3 6.01480+ 4 0.00000+ 0 9.80080- 4  57 1454  562
6.01490+ 4 0.00000+ 0 5.29240- 3 6.01500+ 4 0.00000+ 0 2.64620- 3  57 1454  563
6.01510+ 4 0.00000+ 0 1.76410- 3 6.11480+ 4 0.00000+ 0 0.00000+ 0  57 1454  564
6.11490+ 4 0.00000+ 0 0.00000+ 0 6.11500+ 4 0.00000+ 0 9.31070- 5  57 1454  565
6.11510+ 4 0.00000+ 0 1.96020- 4 6.11520+ 4 0.00000+ 0 1.47010- 3  57 1454  566
6.11540+ 4 0.00000+ 0 7.25260- 4 6.21520+ 4 0.00000+ 0 0.00000+ 0  57 1454  567
6.21530+ 4 0.00000+ 0 1.17610- 3 6.21540+ 4 0.00000+ 0 1.47010- 4  57 1454  568
6.21550+ 4 0.00000+ 0 6.66450- 4 6.21560+ 4 0.00000+ 0 4.80240- 4  57 1454  569
6.21570+ 4 0.00000+ 0 3.23430- 4 6.31540+ 4 0.00000+ 0 4.80240- 6  57 1454  570
6.31550+ 4 0.00000+ 0 3.92030- 5 6.31560+ 4 0.00000+ 0 5.88050- 5  57 1454  571
6.31570+ 4 0.00000+ 0 8.82070- 5 6.31580+ 4 0.00000+ 0 2.74420- 4  57 1454  572
6.31590+ 4 0.00000+ 0 1.76410- 4 6.31600+ 4 0.00000+ 0 0.00000+ 0  57 1454  573
6.41580+ 4 0.00000+ 0 1.96020- 5 6.41590+ 4 0.00000+ 0 1.96020- 5  57 1454  574
6.41600+ 4 0.00000+ 0 0.00000+ 0 6.41610+ 4 0.00000+ 0 0.00000+ 0  57 1454  575
6.51600+ 4 0.00000+ 0 0.00000+ 0 6.51610+ 4 0.00000+ 0 0.00000+ 0  57 1454  576
                                                                   57 1   0  577
                                                                   57 0   0  578
9.22350+04 2.33025+02                                   1          57 2151  579
9.22350+04 1.0                                 0        1          57 2151  580
1.0     -05 1.5     +07                0       0                   57 2151  581
0.          8.3690 -01                                 0          57 2151  582
                                                                   57 2   0  583
                                                                   57 0   0  584
9.22350+ 4 2.33025+ 2                0          99       0        0 57 3   1  585
1.00000E+030.                        0           0       1     2455 57 3   1  586
      2455           2                                              57 3   1  587
1.00000- 5 3.65009+ 4 1.22756- 5 3.29425+ 4 1.49675- 5 2.98319+ 4  57 3   1  588
1.81356- 5 2.71001+ 4 2.18424- 5 2.46929+ 4 2.18441- 5 2.46919+ 4  57 3   1  589
2.61714- 5 2.25577+ 4 2.61737- 5 2.25566+ 4 3.11933- 5 2.06618+ 4  57 3   1  590
3.11963- 5 2.06607+ 4 3.69954- 5 1.89721+ 4 3.69993- 5 1.89710+ 4  57 3   1  591
4.36707- 5 1.74618+ 4 4.36756- 5 1.74608+ 4 5.02663- 5 1.48644+ 4  57 3   1  592
6.02735- 5 1.48634+ 4 8.18209- 5 1.27574+ 4 8.18309- 5 1.27565+ 4  57 3   1  593
1.09487- 4 1.10289+ 4 1.09500- 4 1.10282+ 4 1.44552- 4 9.59917+ 3  57 3   1  594
1.44569- 4 9.59852+ 3 1.90841- 4 8.35515+ 3 1.90862- 4 8.35462+ 3  57 3   1  595
2.48886- 4 7.31725+ 3 2.48911- 4 7.31683+ 3 3.21017- 4 6.44399+ 3  57 3   1  596
3.21045- 4 6.44367+ 3 4.09801- 4 5.70449+ 3 4.09831- 4 5.70426+ 3  57 3   1  597
5.18710- 4 5.07154+ 3 6.50757- 4 4.52903+ 3 8.09793- 4 4.06120+ 3  57 3   1  598
1.00000- 3 3.65580+ 3 1.25307- 3 3.26289+ 3 1.25318- 3 3.26272+ 3  57 3   1  599
1.55762- 3 2.92419+ 3 1.55785- 3 2.92394+ 3 1.92188- 3 2.63061+ 3  57 3   1  600
1.92222- 3 2.63035+ 3 2.35480- 3 2.37500+ 3 2.35523- 3 2.37476+ 3  57 3   1  601
2.86786- 3 2.15090+ 3 2.86832- 3 2.15071+ 3 3.47122- 3 1.95413+ 3  57 3   1  602
3.47165- 3 1.95399+ 3 4.17744- 3 1.78062+ 3 5.00000- 3 1.62708+ 3  57 3   1  603
5.98917- 3 1.48304+ 3 5.98990- 3 1.48294+ 3 7.13821- 3 1.35534+ 3  57 3   1  604
7.13933- 3 1.35522+ 3 8.00000- 3 1.28170+ 3 8.46777- 3 1.24174+ 3  57 3   1  605
8.46874- 3 1.24166+ 3 9.00000- 3 1.20652+ 3 1.00000- 2 1.14037+ 3  57 3   1  606
1.10000- 2 1.08909+ 3 1.20000- 2 1.03781+ 3 1.22842- 2 1.02323+ 3  57 3   1  607
1.22869- 2 1.02310+ 3 1.50000- 2 9.21159+ 2 1.60000- 2 8.94816+ 2  57 3   1  608
1.90000- 2 8.15792+ 2 2.00000- 2 7.89449+ 2 2.30000- 2 7.35578+ 2  57 3   1  609
2.40000- 2 7.17620+ 2 2.53000- 2 6.94278+ 2 2.60000- 2 6.84935+ 2  57 3   1  610
2.80000- 2 6.58246+ 2 2.90000- 2 6.44901+ 2 3.00000- 2 6.31556+ 2  57 3   1  611
3.40000- 2 5.89502+ 2 3.50000- 2 5.78987+ 2 4.00000- 2 5.36404+ 2  57 3   1  612
4.20000- 2 5.22261+ 2 4.30000- 2 5.15189+ 2 4.50000- 2 5.01046+ 2  57 3   1  613
5.00000- 2 4.70947+ 2 5.50000- 2 4.44976+ 2 5.60000- 2 4.40439+ 2  57 3   1  614
5.70000- 2 4.35902+ 2 6.00000- 2 4.22293+ 2 6.50000- 2 4.02300+ 2  57 3   1  615
6.80000- 2 3.91636+ 2 6.90000- 2 3.88082+ 2 7.00000- 2 3.84528+ 2  57 3   1  616
7.50000- 2 3.68655+ 2 8.00000- 2 3.54765+ 2 8.40000- 2 3.44587+ 2  57 3   1  617
8.50000- 2 3.42043+ 2 9.00000- 2 3.30519+ 2 9.20000- 2 3.26345+ 2  57 3   1  618
9.30000- 2 3.24260+ 2 9.50000- 2 3.20086+ 2 9.90000- 2 3.12591+ 2  57 3   1  619
1.00000- 1 3.10718+ 2 1.10000- 1 2.94360+ 2 1.20000- 1 2.80070+ 2  57 3   1  620
1.30000- 1 2.67626+ 2 1.40000- 1 2.57008+ 2 1.50000- 1 2.49270+ 2  57 3   1  621
1.60000- 1 2.42687+ 2 1.70000- 1 2.37327+ 2 1.80000- 1 2.33121+ 2  57 3   1  622
2.03340- 1 2.30520+ 2 2.23340- 1 2.33807+ 2 2.43340- 1 2.41987+ 2  57 3   1  623
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2.63340-	1	2.51671+	2	2.83340-	1	2.57862+	2	3.03340-	1	2.50774+	2	57	3	1	624
3.23340-	1	2.26944+	2	3.43340-	1	1.99464+	2	3.63340-	1	1.78865+	2	57	3	1	625
3.83340-	1	1.60629+	2	4.03340-	1	1.46027+	2	4.28120-	1	1.31615+	2	57	3	1	626
4.64920-	1	1.16450+	2	5.04920-	1	1.04983+	2	5.44920-	1	9.64313+	1	57	3	1	627
5.84920-	1	8.99687+	1	6.24920-	1	8.51418+	1	6.64920-	1	8.14287+	1	57	3	1	628
7.04920-	1	7.84921+	1	7.44920-	1	7.62503+	1	7.84920-	1	7.47822+	1	57	3	1	629
8.24920-	1	7.41892+	1	8.64920-	1	7.47234+	1	9.04920-	1	7.67590+	1	57	3	1	630
9.44920-	1	8.05068+	1	9.84920-	1	8.63960+	1	1.00000+	0	9.01320+	1	57	3	1	631
1.00000+	0	8.43958+	1	1.02319+	0	9.26532+	1	1.05500+	0	1.12753+	2	57	3	1	632
1.07300+	0	1.23472+	2	1.08750+	0	1.31655+	2	1.09100+	0	1.33826+	2	57	3	1	633
1.10886+	0	1.41065+	2	1.12528+	0	1.43885+	2	1.14000+	0	1.41808+	2	57	3	1	634
1.15472+	0	1.34799+	2	1.17114+	0	1.21819+	2	1.18200+	0	1.10674+	2	57	3	1	635
1.19250+	0	1.00647+	2	1.20000+	0	9.38691+	1	1.21800+	0	8.01203+	1	57	3	1	636
1.23600+	0	6.77502+	1	1.25681+	0	5.56455+	1	1.30466+	0	4.37437+	1	57	3	1	637
1.32700+	0	4.21791+	1	1.36400+	0	3.78829+	1	1.36678+	0	3.75182+	1	57	3	1	638
1.45375+	0	3.40693+	1	1.45500+	0	3.40731+	1	1.54500+	0	3.26181+	1	57	3	1	639
1.58302+	0	3.16936+	1	1.63600+	0	3.15518+	1	1.72700+	0	3.09535+	1	57	3	1	640
1.78694+	0	3.03214+	1	1.79626+	0	3.03257+	1	1.79966+	0	3.03308+	1	57	3	1	641
1.81800+	0	3.05750+	1	1.87384+	0	3.13294+	1	1.90900+	0	3.41988+	1	57	3	1	642
1.92086+	0	3.50819+	1	1.95250+	0	4.32590+	1	1.97510+	0	5.43649+	1	57	3	1	643
1.99251+	0	6.51805+	1	2.00000+	0	6.92890+	1	2.01590+	0	7.80478+	1	57	3	1	644
2.02367+	0	8.06243+	1	2.02965+	0	8.17513+	1	2.03500+	0	8.20724+	1	57	3	1	645
2.04035+	0	8.17264+	1	2.04633+	0	8.05697+	1	2.05410+	0	7.79492+	1	57	3	1	646
2.07749+	0	6.48674+	1	2.09490+	0	5.37917+	1	2.11750+	0	4.22811+	1	57	3	1	647
2.14914+	0	3.34937+	1	2.18200+	0	3.04202+	1	2.19616+	0	2.91057+	1	57	3	1	648
2.21165+	0	2.85108+	1	2.27373+	0	2.72450+	1	2.36400+	0	2.68003+	1	57	3	1	649
2.45500+	0	2.56418+	1	2.46231+	0	2.55196+	1	2.54500+	0	2.48095+	1	57	3	1	650
2.58917+	0	2.39187+	1	2.63600+	0	2.33889+	1	2.67979+	0	2.43186+	1	57	3	1	651
2.69100+	0	2.47229+	1	2.74500+	0	2.68560+	1	2.74961+	0	2.72510+	1	57	3	1	652
2.80000+	0	3.29549+	1	2.81800+	0	3.42168+	1	2.84342+	0	3.47748+	1	57	3	1	653
2.85500+	0	3.52023+	1	2.87457+	0	3.60820+	1	2.89853+	0	3.70980+	1	57	3	1	654
2.92000+	0	3.79195+	1	2.92700+	0	3.81828+	1	2.94147+	0	3.89785+	1	57	3	1	655
2.94500+	0	3.92063+	1	2.96543+	0	4.17430+	1	2.99658+	0	4.66013+	1	57	3	1	656
3.01800+	0	5.24129+	1	3.05888+	0	6.13152+	1	3.07200+	0	6.53854+	1	57	3	1	657
3.09840+	0	7.17997+	1	3.11817+	0	7.53663+	1	3.13338+	0	7.66284+	1	57	3	1	658
3.14700+	0	7.63465+	1	3.16062+	0	7.46326+	1	3.17583+	0	7.11284+	1	57	3	1	659
3.18200+	0	6.90905+	1	3.19560+	0	6.55547+	1	3.21800+	0	5.84120+	1	57	3	1	660
3.25512+	0	4.74677+	1	3.27300+	0	4.41406+	1	3.29942+	0	3.94566+	1	57	3	1	661
3.35692+	0	3.67942+	1	3.36400+	0	3.74824+	1	3.43495+	0	4.50596+	1	57	3	1	662
3.45500+	0	5.23704+	1	3.48212+	0	6.14366+	1	3.49100+	0	6.74044+	1	57	3	1	663
3.51687+	0	8.42483+	1	3.54365+	0	1.08047+	2	3.54500+	0	1.09177+	2	57	3	1	664
3.57963+	0	1.31962+	2	3.58200+	0	1.32776+	2	3.59158+	0	1.37786+	2	57	3	1	665
3.60077+	0	1.40548+	2	3.60900+	0	1.41348+	2	3.61723+	0	1.40516+	2	57	3	1	666
3.62642+	0	1.37712+	2	3.63600+	0	1.32641+	2	3.63837+	0	1.31199+	2	57	3	1	667
3.67435+	0	9.77542+	1	3.69100+	0	8.12323+	1	3.70113+	0	7.10468+	1	57	3	1	668
3.72700+	0	5.09617+	1	3.73588+	0	4.49839+	1	3.78454+	0	2.84448+	1	57	3	1	669
3.81800+	0	2.47316+	1	3.85686+	0	2.04781+	1	3.90900+	0	1.91897+	1	57	3	1	670
3.97095+	0	1.75875+	1	4.00000+	0	1.75720+	1	4.09100+	0	1.72650+	1	57	3	1	671
4.16256+	0	1.69142+	1	4.18200+	0	1.69444+	1	4.22739+	0	1.69455+	1	57	3	1	672
4.29246+	0	1.70695+	1	4.36400+	0	1.75074+	1	4.48475+	0	1.77879+	1	57	3	1	673
4.54500+	0	1.87765+	1	4.59925+	0	2.05179+	1	4.63600+	0	2.44625+	1	57	3	1	674
4.67184+	0	2.88367+	1	4.72066+	0	4.86861+	1	4.72700+	0	5.41057+	1	57	3	1	675
4.75554+	0	7.70897+	1	4.78200+	0	1.06544+	2	4.78242+	0	1.07009+	2	57	3	1	676
4.80000+	0	1.25445+	2	4.81852+	0	1.45119+	2	4.83051+	0	1.53112+	2	57	3	1	677
4.83600+	0	1.55257+	2	4.83974+	0	1.55704+	2	4.84800+	0	1.54618+	2	57	3	1	678
4.85500+	0	1.51989+	2	4.85626+	0	1.51725+	2	4.86549+	0	1.47464+	2	57	3	1	679
4.87748+	0	1.38594+	2	4.89100+	0	1.23128+	2	4.90900+	0	1.08098+	2	57	3	1	680
4.91358+	0	1.03502+	2	4.94046+	0	7.43321+	1	4.94500+	0	7.07665+	1	57	3	1	681
4.97534+	0	4.62424+	1	4.98100+	0	4.41975+	1	5.02416+	0	2.81037+	1	57	3	1	682
5.09100+	0	2.24676+	1	5.09675+	0	2.19733+	1	5.13866+	0	2.13579+	1	57	3	1	683
5.14500+	0	2.13556+	1	5.18200+	0	2.17580+	1	5.18327+	0	2.17742+	1	57	3	1	684
5.26052+	0	2.38373+	1	5.27300+	0	2.43917+	1	5.30900+	0	2.59400+	1	57	3	1	685
5.31248+	0	2.60519+	1	5.34960+	0	2.78325+	1	5.37820+	0	2.94372+	1	57	3	1	686
5.41663+	0	3.14715+	1	5.42939+	0	3.20044+	1	5.43921+	0	3.23410+	1	57	3	1	687
5.44800+	0	3.25831+	1	5.45679+	0	3.27667+	1	5.46661+	0	3.29029+	1	57	3	1	688
5.46744+	0	3.29112+	1	5.53736+	0	3.23579+	1	5.54500+	0	3.22471+	1	57	3	1	689
5.60000+	0	3.08945+	1	5.65500+	0	2.98833+	1	5.66264+	0	2.98494+	1	57	3	1	690
5.72700+	0	2.96851+	1	5.73256+	0	2.97293+	1	5.81800+	0	3.09830+	1	57	3	1	691
5.82346+	0	3.10806+	1	5.90900+	0	3.93842+	1	6.00000+	0	4.79422+	1	57	3	1	692
6.04863+	0	5.17847+	1	6.09100+	0	6.33085+	1	6.12963+	0	7.42467+	1	57	3	1	693
6.16232+	0	8.76073+	1	6.16400+	0	8.85498+	1	6.18747+	0	1.00723+	2	57	3	1	694

6.21000+	0	1.17918+	2	6.21800+	0	1.27008+	2	6.23253+	0	1.42744+	2	57 3	1 695
6.25500+	0	1.79251+	2	6.25768+	0	1.83954+	2	6.29037+	0	2.64379+	2	57 3	1 696
6.29100+	0	2.66141+	2	6.33106+	0	3.76968+	2	6.34818+	0	4.14986+	2	57 3	1 697
6.36194+	0	4.35880+	2	6.37252+	0	4.44537+	2	6.38200+	0	4.46241+	2	57 3	1 698
6.39148+	0	4.42059+	2	6.40206+	0	4.30616+	2	6.41582+	0	4.06039+	2	57 3	1 699
6.41800+	0	3.99931+	2	6.45500+	0	2.93404+	2	6.45725+	0	2.87118+	2	57 3	1 700
6.48808+	0	1.95233+	2	6.49100+	0	1.88859+	2	6.52810+	0	1.08342+	2	57 3	1 701
6.54500+	0	9.14677+	1	6.58412+	0	5.09433+	1	6.63600+	0	3.64847+	1	57 3	1 702
6.66741+	0	2.86665+	1	6.72052+	0	2.54482+	1	6.72700+	0	2.53799+	1	57 3	1 703
6.77646+	0	2.54015+	1	6.81800+	0	2.92658+	1	6.86416+	0	3.34173+	1	57 3	1 704
6.92315+	0	5.51007+	1	6.96529+	0	8.68314+	1	6.98200+	0	1.03458+	2	57 3	1 705
6.99776+	0	1.18886+	2	7.04138+	0	1.57934+	2	7.05587+	0	1.65930+	2	57 3	1 706
7.06702+	0	1.69489+	2	7.07700+	0	1.70573+	2	7.08698+	0	1.69612+	2	57 3	1 707
7.09813+	0	1.66181+	2	7.11262+	0	1.58316+	2	7.15624+	0	1.19272+	2	57 3	1 708
7.18200+	0	9.37098+	1	7.18871+	0	8.68437+	1	7.23085+	0	5.34930+	1	57 3	1 709
7.28984+	0	2.91851+	1	7.29100+	0	2.90215+	1	7.37754+	0	1.95784+	1	57 3	1 710
7.51588+	0	1.64611+	1	7.74821+	0	1.60767+	1	7.81800+	0	1.65432+	1	57 3	1 711
7.84976+	0	1.70687+	1	7.97215+	0	1.98683+	1	8.00000+	0	2.12231+	1	57 3	1 712
8.18100+	0	2.90133+	1	8.25212+	0	3.24689+	1	8.36300+	0	5.05854+	1	57 3	1 713
8.41882+	0	5.94266+	1	8.45300+	0	7.92966+	1	8.52451+	0	1.20493+	2	57 3	1 714
8.59560+	0	2.40637+	2	8.64639+	0	4.01358+	2	8.68551+	0	5.60337+	2	57 3	1 715
8.73808+	0	7.53706+	2	8.75554+	0	7.93524+	2	8.76897+	0	8.11537+	2	57 3	1 716
8.78100+	0	8.17444+	2	8.79303+	0	8.13412+	2	8.80646+	0	7.97439+	2	57 3	1 717
8.82392+	0	7.60110+	2	8.87649+	0	5.72388+	2	8.91561+	0	4.15741+	2	57 3	1 718
8.92500+	0	3.86412+	2	8.96640+	0	2.68541+	2	9.01500+	0	2.03776+	2	57 3	1 719
9.03749+	0	1.69731+	2	9.03990+	0	1.67832+	2	9.04219+	0	1.66110+	2	57 3	1 720
9.05200+	0	1.63097+	2	9.10600+	0	1.41383+	2	9.10977+	0	1.39097+	2	57 3	1 721
9.15804+	0	1.36314+	2	9.17900+	0	1.39861+	2	9.19523+	0	1.42246+	2	57 3	1 722
9.23300+	0	1.47547+	2	9.24520+	0	1.51462+	2	9.26180+	0	1.54034+	2	57 3	1 723
9.27456+	0	1.54515+	2	9.28600+	0	1.53718+	2	9.29744+	0	1.51723+	2	57 3	1 724
9.30600+	0	1.49293+	2	9.31020+	0	1.48228+	2	9.32680+	0	1.41986+	2	57 3	1 725
9.36000+	0	1.23189+	2	9.37677+	0	1.16285+	2	9.41396+	0	9.86433+	1	57 3	1 726
9.42072+	0	9.57371+	1	9.43200+	0	9.13246+	1	9.43624+	0	8.94684+	1	57 3	1 727
9.45100+	0	8.60675+	1	9.50500+	0	6.82605+	1	9.52162+	0	6.24055+	1	57 3	1 728
9.54100+	0	6.08878+	1	9.63634+	0	5.14989+	1	9.67444+	0	5.00510+	1	57 3	1 729
9.70374+	0	4.86652+	1	9.70400+	0	4.86489+	1	9.73000+	0	4.72814+	1	57 3	1 730
9.75626+	0	4.54075+	1	9.75900+	0	4.51596+	1	9.78556+	0	4.37638+	1	57 3	1 731
9.82366+	0	4.11653+	1	9.93838+	0	3.51737+	1	9.99500+	0	3.84780+	1	57 3	1 732
1.00238+	1	4.04417+	1	1.00390+	1	4.27238+	1	1.00460+	1	4.38740+	1	57 3	1 733
1.00850+	1	5.11202+	1	1.00850+	1	5.11267+	1	1.01373+	1	5.92669+	1	57 3	1 734
1.01547+	1	6.08527+	1	1.01680+	1	6.14865+	1	1.01760+	1	6.15473+	1	57 3	1 735
1.01800+	1	6.15980+	1	1.01920+	1	6.12859+	1	1.02053+	1	6.04007+	1	57 3	1 736
1.02227+	1	5.84701+	1	1.02519+	1	5.36653+	1	1.02670+	1	5.17880+	1	57 3	1 737
1.03390+	1	4.65085+	1	1.04300+	1	3.61536+	1	1.04745+	1	3.01370+	1	57 3	1 738
1.06069+	1	2.79191+	1	1.06290+	1	2.77360+	1	1.07087+	1	2.84075+	1	57 3	1 739
1.07200+	1	2.84626+	1	1.08000+	1	2.89950+	1	1.08110+	1	2.90040+	1	57 3	1 740
1.08913+	1	2.85386+	1	1.09370+	1	2.80597+	1	1.09920+	1	2.81664+	1	57 3	1 741
1.09931+	1	2.81713+	1	1.11255+	1	2.88531+	1	1.12640+	1	8.35928+	1	57 3	1 742
1.14090+	1	1.39939+	2	1.14450+	1	1.54040+	2	1.14810+	1	1.67695+	2	57 3	1 743
1.15242+	1	1.81094+	2	1.15540+	1	2.44140+	2	1.15593+	1	2.55787+	2	57 3	1 744
1.15643+	1	2.67247+	2	1.16203+	1	3.85081+	2	1.16389+	1	4.09962+	2	57 3	1 745
1.16532+	1	4.21257+	2	1.16660+	1	4.24940+	2	1.16788+	1	4.22350+	2	57 3	1 746
1.16931+	1	4.12234+	2	1.17117+	1	3.88756+	2	1.17677+	1	2.73698+	2	57 3	1 747
1.18094+	1	1.82890+	2	1.18620+	1	1.01805+	2	1.18635+	1	9.96058+	1	57 3	1 748
1.18980+	1	8.10605+	1	1.19393+	1	5.63836+	1	1.20000+	1	5.39235+	1	57 3	1 749
1.20255+	1	5.30438+	1	1.20910+	1	7.44223+	1	1.21143+	1	8.26890+	1	57 3	1 750
1.21450+	1	1.20829+	2	1.21924+	1	1.74833+	2	1.22000+	1	1.94514+	2	57 3	1 751
1.22482+	1	3.16044+	2	1.22911+	1	4.67256+	2	1.23489+	1	6.58154+	2	57 3	1 752
1.23500+	1	6.60484+	2	1.23680+	1	6.99078+	2	1.23828+	1	7.17675+	2	57 3	1 753
1.23960+	1	7.23744+	2	1.24092+	1	7.19504+	2	1.24240+	1	7.02880+	2	57 3	1 754
1.24431+	1	6.64202+	2	1.24900+	1	5.08845+	2	1.24910+	1	5.05538+	2	57 3	1 755
1.25009+	1	4.72706+	2	1.25438+	1	3.18186+	2	1.25440+	1	3.17768+	2	57 3	1 756
1.25996+	1	1.72119+	2	1.26264+	1	1.28459+	2	1.26536+	1	9.85382+	1	57 3	1 757
1.27104+	1	6.79859+	1	1.27542+	1	6.04291+	1	1.28130+	1	5.77850+	1	57 3	1 758
1.28325+	1	5.73668+	1	1.28475+	1	5.68945+	1	1.28610+	1	5.63128+	1	57 3	1 759
1.28745+	1	5.55600+	1	1.28895+	1	5.45132+	1	1.29090+	1	5.28417+	1	57 3	1 760
1.29678+	1	4.65718+	1	1.30116+	1	4.21982+	1	1.30583+	1	3.92605+	1	57 3	1 761
1.31097+	1	3.86730+	1	1.31577+	1	4.01920+	1	1.32223+	1	4.34151+	1	57 3	1 762
1.32437+	1	4.43127+	1	1.32602+	1	4.48406+	1	1.32750+	1	4.51816+	1	57 3	1 763
1.32898+	1	4.53936+	1	1.33063+	1	4.54833+	1	1.33277+	1	4.53884+	1	57 3	1 764
1.33923+	1	4.45253+	1	1.34403+	1	4.46475+	1	1.34941+	1	4.69801+	1	57 3	1 765

1.35446+	1	5.18459+	1	1.35897+	1	5.81974+	1	1.36504+	1	6.84176+	1	57	3	1	766
1.36706+	1	7.18934+	1	1.36861+	1	7.45215+	1	1.37000+	1	7.68249+	1	57	3	1	767
1.37139+	1	7.90742+	1	1.37294+	1	8.15244+	1	1.37496+	1	8.46513+	1	57	3	1	768
1.37660+	1	8.70511+	1	1.38232+	1	9.49843+	1	1.38935+	1	1.03665+	2	57	3	1	769
1.39475+	1	1.68188+	2	1.39960+	1	1.09227+	2	1.40445+	1	1.06720+	2	57	3	1	770
1.40850+	1	1.01681+	2	1.40985+	1	1.00186+	2	1.41688+	1	8.85929+	1	57	3	1	771
1.42670+	1	8.10842+	1	1.43570+	1	7.56773+	1	1.43806+	1	7.35130+	1	57	3	1	772
1.44120+	1	7.76527+	1	1.44190+	1	7.83836+	1	1.44304+	1	7.99268+	1	57	3	1	773
1.44480+	1	8.21446+	1	1.44929+	1	8.63930+	1	1.45137+	1	8.68256+	1	57	3	1	774
1.45297+	1	8.62388+	1	1.45440+	1	8.49462+	1	1.45583+	1	8.29003+	1	57	3	1	775
1.45743+	1	7.97457+	1	1.45951+	1	7.43989+	1	1.46110+	1	6.89545+	1	57	3	1	776
1.46470+	1	5.93678+	1	1.46576+	1	5.66322+	1	1.47041+	1	4.42775+	1	57	3	1	777
1.47370+	1	3.81405+	1	1.47646+	1	3.28793+	1	1.48491+	1	2.60459+	1	57	3	1	778
1.49010+	1	2.56382+	1	1.49688+	1	2.34614+	1	1.50000+	1	2.39661+	1	57	3	1	779
1.50910+	1	2.66767+	1	1.50920+	1	2.66983+	1	1.51790+	1	3.84730+	1	57	3	1	780
1.51820+	1	3.93827+	1	1.52412+	1	5.69441+	1	1.52730+	1	6.99779+	1	57	3	1	781
1.52891+	1	7.67393+	1	1.53535+	1	1.02043+	2	1.53640+	1	1.04656+	2	57	3	1	782
1.53748+	1	1.07257+	2	1.53913+	1	1.09547+	2	1.54060+	1	1.10244+	2	57	3	1	783
1.54207+	1	1.09625+	2	1.54372+	1	1.07412+	2	1.54550+	1	1.03190+	2	57	3	1	784
1.54585+	1	1.02295+	2	1.55229+	1	7.63855+	1	1.55450+	1	6.67381+	1	57	3	1	785
1.55708+	1	5.59443+	1	1.56330+	1	3.68334+	1	1.56360+	1	3.64511+	1	57	3	1	786
1.57200+	1	2.71295+	1	1.57270+	1	2.71153+	1	1.57433+	1	2.70175+	1	57	3	1	787
1.57671+	1	2.79261+	1	1.58180+	1	3.72184+	1	1.58560+	1	4.36787+	1	57	3	1	788
1.59090+	1	6.82271+	1	1.59196+	1	7.30606+	1	1.59685+	1	1.05842+	2	57	3	1	789
1.60000+	1	1.26309+	2	1.60343+	1	1.48898+	2	1.60561+	1	1.58148+	2	57	3	1	790
1.60729+	1	1.62401+	2	1.60880+	1	1.63858+	2	1.60910+	1	1.63691+	2	57	3	1	791
1.61031+	1	1.62906+	2	1.61199+	1	1.59169+	2	1.61417+	1	1.50544+	2	57	3	1	792
1.61820+	1	1.24860+	2	1.62075+	1	1.08235+	2	1.62564+	1	7.50688+	1	57	3	1	793
1.62730+	1	6.75117+	1	1.63200+	1	4.63100+	1	1.63640+	1	3.85437+	1	57	3	1	794
1.63749+	1	3.68351+	1	1.64309+	1	3.96953+	1	1.64360+	1	4.07991+	1	57	3	1	795
1.64910+	1	5.23564+	1	1.64956+	1	5.33511+	1	1.65450+	1	6.86392+	1	57	3	1	796
1.65454+	1	6.87802+	1	1.66123+	1	9.07621+	1	1.66346+	1	9.56534+	1	57	3	1	797
1.66360+	1	9.58636+	1	1.66517+	1	9.73660+	1	1.66670+	1	9.78328+	1	57	3	1	798
1.66823+	1	9.73265+	1	1.66994+	1	9.56342+	1	1.67217+	1	9.17930+	1	57	3	1	799
1.67270+	1	9.02543+	1	1.67886+	1	7.34138+	1	1.68180+	1	6.41335+	1	57	3	1	800
1.68384+	1	5.79796+	1	1.69031+	1	4.25732+	1	1.69090+	1	4.18708+	1	57	3	1	801
1.69450+	1	3.69785+	1	1.69936+	1	2.92612+	1	1.70000+	1	2.88744+	1	57	3	1	802
1.70910+	1	2.41778+	1	1.71282+	1	2.19523+	1	1.71810+	1	2.08909+	1	57	3	1	803
1.72730+	1	1.94555+	1	1.73405+	1	1.83882+	1	1.73457+	1	1.83530+	1	57	3	1	804
1.73511+	1	1.83183+	1	1.73640+	1	1.83671+	1	1.74550+	1	1.94421+	1	57	3	1	805
1.75450+	1	1.97997+	1	1.75720+	1	2.01266+	1	1.76360+	1	2.38980+	1	57	3	1	806
1.77121+	1	2.81031+	1	1.77270+	1	3.05730+	1	1.78063+	1	4.35028+	1	57	3	1	807
1.78180+	1	4.69091+	1	1.78736+	1	6.37162+	1	1.79090+	1	7.67304+	1	57	3	1	808
1.79254+	1	8.27254+	1	1.79951+	1	1.04933+	2	1.80183+	1	1.09499+	2	57	3	1	809
1.80361+	1	1.11625+	2	1.80520+	1	1.12417+	2	1.80679+	1	1.12131+	2	57	3	1	810
1.80857+	1	1.10560+	2	1.80910+	1	1.09681+	2	1.81089+	1	1.06520+	2	57	3	1	811
1.81786+	1	8.54642+	1	1.81820+	1	8.42483+	1	1.82304+	1	6.73260+	1	57	3	1	812
1.82730+	1	5.50646+	1	1.82977+	1	4.89698+	1	1.83640+	1	4.11155+	1	57	3	1	813
1.83919+	1	3.70512+	1	1.84550+	1	3.48333+	1	1.85004+	1	3.27145+	1	57	3	1	814
1.85450+	1	3.34544+	1	1.86116+	1	3.43310+	1	1.86360+	1	3.62833+	1	57	3	1	815
1.87082+	1	4.09664+	1	1.87270+	1	4.38483+	1	1.87772+	1	5.19966+	1	57	3	1	816
1.88180+	1	6.25008+	1	1.88303+	1	6.57820+	1	1.89017+	1	9.35030+	1	57	3	1	817
1.89090+	1	9.74264+	1	1.89254+	1	1.05918+	2	1.89437+	1	1.17260+	2	57	3	1	818
1.89600+	1	1.29249+	2	1.89763+	1	1.43387+	2	1.89946+	1	1.62273+	2	57	3	1	819
1.90000+	1	1.69247+	2	1.90183+	1	1.93324+	2	1.90897+	1	3.40988+	2	57	3	1	820
1.91278+	1	4.55339+	2	1.91662+	1	5.87294+	2	1.92382+	1	8.13310+	2	57	3	1	821
1.92621+	1	8.60423+	2	1.92805+	1	8.81750+	2	1.92970+	1	8.88675+	2	57	3	1	822
1.93135+	1	8.83727+	2	1.93319+	1	8.64470+	2	1.93558+	1	8.19602+	2	57	3	1	823
1.93810+	1	7.41102+	2	1.94278+	1	5.94685+	2	1.94360+	1	5.66466+	2	57	3	1	824
1.94550+	1	5.04631+	2	1.94815+	1	4.18126+	2	1.94910+	1	3.94908+	2	57	3	1	825
1.95090+	1	3.50440+	2	1.95270+	1	3.04194+	2	1.95450+	1	2.55980+	2	57	3	1	826
1.95510+	1	2.39689+	2	1.96180+	1	1.45937+	2	1.96411+	1	1.14235+	2	57	3	1	827
1.96720+	1	1.00309+	2	1.97270+	1	7.62034+	1	1.97690+	1	5.83866+	1	57	3	1	828
1.98180+	1	5.23108+	1	1.98679+	1	4.63310+	1	1.99090+	1	4.48044+	1	57	3	1	829
1.99441+	1	4.34002+	1	2.00000+	1	4.33176+	1	2.00464+	1	4.37588+	1	57	3	1	830
2.00804+	1	4.42045+	1	2.00910+	1	4.42670+	1	2.01066+	1	4.44554+	1	57	3	1	831
2.01300+	1	4.45077+	1	2.01534+	1	4.43165+	1	2.01707+	1	4.40168+	1	57	3	1	832
2.01831+	1	4.37237+	1	2.02000+	1	4.32365+	1	2.02169+	1	4.26712+	1	57	3	1	833
2.02357+	1	4.19920+	1	2.02602+	1	4.11318+	1	2.02730+	1	4.09853+	1	57	3	1	834
2.03339+	1	4.05069+	1	2.03640+	1	4.22761+	1	2.03887+	1	4.31829+	1	57	3	1	835
2.04040+	1	4.44716+	1	2.04194+	1	4.60939+	1	2.04550+	1	5.12287+	1	57	3	1	836

2.04748+	1	5.36572+	1	2.05450+	1	6.33636+	1	2.05492+	1	6.41485+	1	57	3	1	837
2.05739+	1	6.76585+	1	2.05820+	1	6.85306+	1	2.05930+	1	7.03694+	1	57	3	1	838
2.06100+	1	7.27294+	1	2.06270+	1	7.46443+	1	2.06360+	1	7.54542+	1	57	3	1	839
2.06461+	1	7.64413+	1	2.06708+	1	7.85246+	1	2.06730+	1	7.88498+	1	57	3	1	840
2.07270+	1	8.77293+	1	2.07452+	1	9.01396+	1	2.07640+	1	9.81615+	1	57	3	1	841
2.08006+	1	1.12932+	2	2.08180+	1	1.26551+	2	2.08397+	1	1.42765+	2	57	3	1	842
2.08792+	1	1.86705+	2	2.09090+	1	2.30198+	2	2.09353+	1	2.67398+	2	57	3	1	843
2.10000+	1	3.56870+	2	2.10105+	1	3.70616+	2	2.10355+	1	3.90249+	2	57	3	1	844
2.10360+	1	3.90436+	2	2.10548+	1	3.98662+	2	2.10720+	1	4.00270+	2	57	3	1	845
2.10892+	1	3.96072+	2	2.10910+	1	3.95023+	2	2.11085+	1	3.82735+	2	57	3	1	846
2.11270+	1	3.62531+	2	2.11335+	1	3.50538+	2	2.11820+	1	2.84383+	2	57	3	1	847
2.12087+	1	2.47283+	2	2.12180+	1	2.33415+	2	2.12640+	1	1.69259+	2	57	3	1	848
2.12648+	1	1.68128+	2	2.13375+	1	8.99762+	1	2.13640+	1	7.78024+	1	57	3	1	849
2.14000+	1	5.94554+	1	2.14393+	1	3.97449+	1	2.14550+	1	3.79128+	1	57	3	1	850
2.15450+	1	2.64366+	1	2.15906+	1	2.08160+	1	2.17270+	1	1.73566+	1	57	3	1	851
2.18293+	1	1.54549+	1	2.19090+	1	1.52486+	1	2.19857+	1	1.49671+	1	57	3	1	852
2.20910+	1	1.51037+	1	2.21488+	1	1.52996+	1	2.22730+	1	1.65088+	1	57	3	1	853
2.23979+	1	1.80335+	1	2.24550+	1	2.01552+	1	2.25558+	1	2.38782+	1	57	3	1	854
2.26360+	1	3.44715+	1	2.26620+	1	3.79804+	1	2.27379+	1	6.00291+	1	57	3	1	855
2.27963+	1	8.36034+	1	2.28180+	1	9.20737+	1	2.28749+	1	1.13052+	2	57	3	1	856
2.29010+	1	1.19414+	2	2.29210+	1	1.22530+	2	2.29390+	1	1.23881+	2	57	3	1	857
2.29570+	1	1.23853+	2	2.29770+	1	1.22284+	2	2.30000+	1	1.18672+	2	57	3	1	858
2.30031+	1	1.18275+	2	2.30817+	1	1.02802+	2	2.31150+	1	1.01033+	2	57	3	1	859
2.31401+	1	9.91020+	1	2.31743+	1	1.04908+	2	2.32088+	1	1.18550+	2	57	3	1	860
2.32300+	1	1.32883+	2	2.32679+	1	1.57866+	2	2.33472+	1	2.23913+	2	57	3	1	861
2.33736+	1	2.42460+	2	2.33938+	1	2.53876+	2	2.34120+	1	2.61569+	2	57	3	1	862
2.34302+	1	2.66664+	2	2.34504+	1	2.69221+	2	2.34600+	1	2.68715+	2	57	3	1	863
2.34768+	1	2.68152+	2	2.35100+	1	2.60457+	2	2.35504+	1	2.44048+	2	57	3	1	864
2.35824+	1	2.27807+	2	2.36070+	1	2.14397+	2	2.36290+	1	2.02119+	2	57	3	1	865
2.36510+	1	1.89804+	2	2.36756+	1	1.76164+	2	2.36900+	1	1.68330+	2	57	3	1	866
2.37076+	1	1.58723+	2	2.38039+	1	1.10271+	2	2.38740+	1	8.30827+	1	57	3	1	867
2.38756+	1	8.24173+	1	2.39641+	1	6.18779+	1	2.40110+	1	6.13127+	1	57	3	1	868
2.40382+	1	6.19789+	1	2.40983+	1	7.31062+	1	2.41030+	1	7.42999+	1	57	3	1	869
2.41791+	1	9.54312+	1	2.42059+	1	1.01927+	2	2.42265+	1	1.05966+	2	57	3	1	870
2.42450+	1	1.08692+	2	2.42635+	1	1.10465+	2	2.42841+	1	1.11250+	2	57	3	1	871
2.43074+	1	1.10616+	2	2.43308+	1	1.08454+	2	2.43515+	1	1.05421+	2	57	3	1	872
2.43700+	1	1.01967+	2	2.43790+	1	1.00029+	2	2.43885+	1	9.80051+	1	57	3	1	873
2.44092+	1	9.31780+	1	2.44361+	1	8.65716+	1	2.45170+	1	6.83390+	1	57	3	1	874
2.45214+	1	6.75265+	1	2.45412+	1	6.41852+	1	2.46090+	1	6.48450+	1	57	3	1	875
2.48390+	1	5.70708+	1	2.49039+	1	5.44126+	1	2.50243+	1	6.00433+	1	57	3	1	876
2.50690+	1	6.23680+	1	2.51170+	1	6.58304+	1	2.51610+	1	6.91575+	1	57	3	1	877
2.52000+	1	7.24334+	1	2.52830+	1	8.00439+	1	2.53450+	1	8.62872+	1	57	3	1	878
2.53757+	1	8.87547+	1	2.54684+	1	9.52752+	1	2.55104+	1	9.68261+	1	57	3	1	879
2.55290+	1	9.68657+	1	2.55524+	1	9.73221+	1	2.55750+	1	9.68550+	1	57	3	1	880
2.55900+	1	9.65744+	1	2.56276+	1	9.44061+	1	2.56696+	1	9.03849+	1	57	3	1	881
2.57130+	1	8.46899+	1	2.57242+	1	8.29285+	1	2.58510+	1	6.11180+	1	57	3	1	882
2.58886+	1	5.40995+	1	2.60110+	1	3.88409+	1	2.60340+	1	3.83785+	1	57	3	1	883
2.61260+	1	3.90778+	1	2.61698+	1	4.09703+	1	2.61781+	1	4.19751+	1	57	3	1	884
2.61824+	1	4.25186+	1	2.62180+	1	4.85244+	1	2.62639+	1	5.60740+	1	57	3	1	885
2.63267+	1	6.95679+	1	2.64111+	1	8.65033+	1	2.64391+	1	9.04186+	1	57	3	1	886
2.64480+	1	9.12927+	1	2.64607+	1	9.22335+	1	2.64800+	1	9.29433+	1	57	3	1	887
2.64993+	1	9.29464+	1	2.65209+	1	9.21245+	1	2.65400+	1	9.05634+	1	57	3	1	888
2.65489+	1	8.98341+	1	2.65949+	1	8.36218+	1	2.66529+	1	7.31750+	1	57	3	1	889
2.66884+	1	6.64291+	1	2.67156+	1	6.14293+	1	2.67400+	1	5.72326+	1	57	3	1	890
2.67644+	1	5.33834+	1	2.67916+	1	4.95556+	1	2.68271+	1	4.53698+	1	57	3	1	891
2.69337+	1	3.80911+	1	2.69671+	1	3.72448+	1	2.69938+	1	3.69254+	1	57	3	1	892
2.70000+	1	3.69260+	1	2.70792+	1	3.71591+	1	2.71076+	1	3.72164+	1	57	3	1	893
2.71294+	1	3.71414+	1	2.71380+	1	3.70629+	1	2.71490+	1	3.69278+	1	57	3	1	894
2.71686+	1	3.65729+	1	2.71904+	1	3.60440+	1	2.72188+	1	3.52221+	1	57	3	1	895
2.73042+	1	3.24372+	1	2.73678+	1	3.19023+	1	2.73680+	1	3.19143+	1	57	3	1	896
2.74140+	1	3.45482+	1	2.74503+	1	3.66313+	1	2.74706+	1	3.91696+	1	57	3	1	897
2.74911+	1	4.24039+	1	2.75746+	1	6.28409+	1	2.75980+	1	7.08410+	1	57	3	1	898
2.76390+	1	8.48767+	1	2.77254+	1	1.12820+	2	2.77541+	1	1.18825+	2	57	3	1	899
2.77762+	1	1.21705+	2	2.77960+	1	1.22855+	2	2.78158+	1	1.22623+	2	57	3	1	900
2.78280+	1	1.21601+	2	2.78379+	1	1.20755+	2	2.78666+	1	1.16019+	2	57	3	1	901
2.79426+	1	9.51544+	1	2.80190+	1	7.21461+	1	2.80479+	1	6.50639+	1	57	3	1	902
2.80570+	1	6.31969+	1	2.80701+	1	6.05168+	1	2.80900+	1	5.71385+	1	57	3	1	903
2.81099+	1	5.44001+	1	2.81321+	1	5.20574+	1	2.81610+	1	5.00004+	1	57	3	1	904
2.82202+	1	4.83431+	1	2.82797+	1	4.82481+	1	2.82870+	1	4.82186+	1	57	3	1	905
2.83087+	1	4.81557+	1	2.83310+	1	4.78956+	1	2.83510+	1	4.74689+	1	57	3	1	906
2.83710+	1	4.68372+	1	2.83933+	1	4.58486+	1	2.84223+	1	4.42624+	1	57	3	1	907

2.84250+	1	4.40661+	1	2.85096+	1	3.78473+	1	2.85170+	1	3.72775+	1	57	3	1	908
2.85299+	1	3.63151+	1	2.85504+	1	3.48483+	1	2.86383+	1	2.96156+	1	57	3	1	909
2.86674+	1	2.82661+	1	2.86899+	1	2.73[illegible]8+	1	2.87100+	1	2.65292+	1	57	3	1	910
2.87301+	1	2.57696+	1	2.87470+	1	2.51506+	1	2.87526+	1	2.49595+	1	57	3	1	911
2.87817+	1	2.39797+	1	2.88696+	1	2.11[illegible]58+	1	[illegible]	1	1.94376+	1	57	3	1	912
2.89770+	1	1.86964+	1	2.90199+	1	1.77577+	1	2.91387+	1	1.66155+	1	57	3	1	913
2.91733+	1	1.65976+	1	2.92070+	1	1.67557+	1	2.92084+	1	1.67569+	1	57	3	1	914
2.93291+	1	1.92371+	1	2.94154+	1	2.47156+	1	2.94370+	1	2.67914+	1	57	3	1	915
2.94818+	1	3.11916+	1	2.95711+	1	3.97890+	1	2.96008+	1	4.16153+	1	57	3	1	916
2.96236+	1	4.24393+	1	2.96440+	1	4.26983+	1	2.96644+	1	4.24891+	1	57	3	1	917
2.96670+	1	4.24022+	1	2.96872+	1	4.18043+	1	2.97169+	1	4.01583+	1	57	3	1	918
2.98062+	1	3.19345+	1	2.98726+	1	2.55265+	1	2.98970+	1	2.39471+	1	57	3	1	919
2.99589+	1	1.96757+	1	3.00000+	1	1.87129+	1	3.00796+	1	1.70643+	1	57	3	1	920
3.01133+	1	1.71862+	1	3.01475+	1	1.76095+	1	3.[illegible]2290+	1	2.05340+	1	57	3	1	921
3.02701+	1	2.18736+	1	3.03578+	1	2.84307+	1	3.04253+	1	3.59744+	1	57	3	1	922
3.04570+	1	4.06562+	1	3.05160+	1	4.94335+	1	3.05461+	1	5.47524+	1	57	3	1	923
3.05692+	1	5.91584+	1	3.05900+	1	6.33511+	1	3.06108+	1	6.77757+	1	57	3	1	924
3.06339+	1	7.29688+	1	3.06640+	1	8.00290+	1	3.06860+	1	8.51756+	1	57	3	1	925
3.07247+	1	9.42673+	1	3.07770+	1	1.03851+	2	3.07856+	1	1.05395+	2	57	3	1	926
3.08159+	1	1.08229+	2	3.08392+	1	1.08829+	2	3.08600+	1	1.08084+	2	57	3	1	927
3.08808+	1	1.06098+	2	3.09041+	1	1.02463+	2	3.09140+	1	1.00267+	2	57	3	1	928
3.09344+	1	9.57961+	1	3.09600+	1	8.79222+	1	3.10255+	1	6.76605+	1	57	3	1	929
3.10933+	1	4.69383+	1	3.10970+	1	4.61614+	1	3.11430+	1	3.65220+	1	57	3	1	930
3.11813+	1	2.87569+	1	3.13045+	1	1.91958+	1	3.13710+	1	1.90716+	1	57	3	1	931
3.14592+	1	1.94128+	1	3.16000+	1	2.88578+	1	3.16169+	1	2.97865+	1	57	3	1	932
3.16910+	1	4.80689+	1	3.17425+	1	6.08277+	1	3.18290+	1	1.09432+	2	57	3	1	933
3.18322+	1	1.11196+	2	3.18740+	1	1.43397+	2	3.19013+	1	1.65454+	2	57	3	1	934
3.19660+	1	2.15023+	2	3.19942+	1	2.35853+	2	3.20250+	1	2.50313+	2	57	3	1	935
3.20487+	1	2.56914+	2	3.20570+	1	2.57773+	2	3.20700+	1	2.59126+	2	57	3	1	936
3.20913+	1	2.57727+	2	3.21150+	1	2.51989+	2	3.21458+	1	2.38526+	2	57	3	1	937
3.21940+	1	2.03729+	2	3.22387+	1	1.71477+	2	3.22860+	1	1.34326+	2	57	3	1	938
3.23078+	1	1.17169+	2	3.23975+	1	6.50431+	1	3.25140+	1	3.34585+	1	57	3	1	939
3.25231+	1	3.10500+	1	3.27098+	1	1.91863+	1	3.27430+	1	1.86477+	1	57	3	1	940
3.27870+	1	1.82972+	1	3.28659+	1	1.86365+	1	3.29710+	1	2.30411+	1	57	3	1	941
3.30568+	1	2.60216+	1	3.31852+	1	5.52186+	1	3.32000+	1	6.38247+	1	57	3	1	942
3.32769+	1	1.09002+	2	3.33475+	1	1.70079+	2	3.34425+	1	2.50996+	2	57	3	1	943
3.34740+	1	2.68634+	2	3.34983+	1	2.76944+	2	3.35200+	1	2.80042+	2	57	3	1	944
3.35417+	1	2.78136+	2	3.35660+	1	2.71112+	2	3.35975+	1	2.55005+	2	57	3	1	945
3.36110+	1	2.43946+	2	3.36925+	1	1.79285+	2	3.37490+	1	1.32954+	2	57	3	1	946
3.37631+	1	1.21477+	2	3.38548+	1	7.34717+	1	3.38860+	1	6.92183+	1	57	3	1	947
3.39423+	1	6.15268+	1	3.40310+	1	8.14600+	1	3.41140+	1	1.32404+	2	57	3	1	948
3.41238+	1	1.38446+	2	3.41954+	1	2.03425+	2	3.42915+	1	2.89520+	2	57	3	1	949
3.43234+	1	3.09062+	2	3.43430+	1	3.17018+	2	3.43480+	1	3.18401+	2	57	3	1	950
3.43700+	1	3.20373+	2	3.43920+	1	3.18382+	2	3.44166+	1	3.11680+	2	57	3	1	951
3.44340+	1	3.03543+	2	3.44485+	1	3.06452+	2	3.44800+	1	3.05630+	2	57	3	1	952
3.45260+	1	2.85858+	2	3.45446+	1	2.76817+	2	3.45710+	1	2.66304+	2	57	3	1	953
3.46092+	1	2.45214+	2	3.46170+	1	2.43308+	2	3.46630+	1	2.24858+	2	57	3	1	954
3.46742+	1	2.21477+	2	3.47090+	1	2.25118+	2	3.47540+	1	2.33982+	2	57	3	1	955
3.47710+	1	2.37446+	2	3.48031+	1	2.52076+	2	3.48278+	1	2.65455+	2	57	3	1	956
3.48460+	1	2.76479+	2	3.48500+	1	2.79152+	2	3.48722+	1	2.95329+	2	57	3	1	957
3.48910+	1	3.10490+	2	3.48969+	1	3.14915+	2	3.49290+	1	3.41419+	2	57	3	1	958
3.50181+	1	4.26521+	2	3.50290+	1	4.36007+	2	3.51076+	1	5.09723+	2	57	3	1	959
3.51399+	1	5.28284+	2	3.51647+	1	5.35820+	2	3.51870+	1	5.36954+	2	57	3	1	960
3.52093+	1	5.32531+	2	3.52150+	1	5.30477+	2	3.52325+	1	5.22025+	2	57	3	1	961
3.52570+	1	5.00247+	2	3.53000+	1	4.57919+	2	3.53675+	1	3.64904+	2	57	3	1	962
3.54428+	1	2.60527+	2	3.54860+	1	2.15447+	2	3.55407+	1	1.61477+	2	57	3	1	963
3.56409+	1	1.06474+	2	3.57140+	1	9.14771+	1	3.58639+	1	5.81425+	1	57	3	1	964
3.59430+	1	5.15296+	1	3.60820+	1	4.08790+	1	3.62497+	1	3.41775+	1	57	3	1	965
3.64000+	1	3.03267+	1	3.65503+	1	2.76048+	1	3.66290+	1	2.65668+	1	57	3	1	966
3.67180+	1	2.51253+	1	3.68570+	1	2.34543+	1	3.69361+	1	2.25873+	1	57	3	1	967
3.69500+	1	2.24638+	1	3.69639+	1	2.23433+	1	3.70860+	1	2.14752+	1	57	3	1	968
3.71820+	1	2.17163+	1	3.73140+	1	2.23097+	1	3.73497+	1	2.23517+	1	57	3	1	969
3.75000+	1	2.27308+	1	3.75430+	1	2.29498+	1	3.76503+	1	2.32135+	1	57	3	1	970
3.77710+	1	2.44810+	1	3.78180+	1	2.48826+	1	3.80000+	1	3.08933+	1	57	3	1	971
3.80361+	1	3.21481+	1	3.81666+	1	3.88913+	1	3.81927+	1	4.00139+	1	57	3	1	972
3.82290+	1	4.12224+	1	3.82363+	1	4.14563+	1	3.82699+	1	4.20750+	1	57	3	1	973
3.83000+	1	4.22485+	1	3.83301+	1	4.20480+	1	3.83637+	1	4.13969+	1	57	3	1	974
3.84073+	1	3.99547+	1	3.84570+	1	3.74773+	1	3.85388+	1	3.32130+	1	57	3	1	975
3.86366+	1	2.84698+	1	3.86860+	1	2.73778+	1	3.87637+	1	2.58836+	1	57	3	1	976
3.89140+	1	3.30855+	1	3.89225+	1	3.33890+	1	3.90469+	1	6.09978+	1	57	3	1	977
3.91430+	1	1.10681+	2	3.91464+	1	1.12479+	2	3.92230+	1	1.70205+	2	57	3	1	978

3.92340+	1	1.78188+	2	3.92800+	1	2.18025+	2	3.93260+	1	2.51843+	2	57	3	1	979
3.93601+	1	2.68274+	2	3.93710+	1	2.71504+	2	3.93864+	1	2.75511+	2	57	3	1	980
3.94100+	1	2.77671+	2	3.94336+	1	2.75980+	2	3.94599+	1	2.69657+	2	57	3	1	981
3.94940+	1	2.55069+	2	3.95090+	1	2.44768+	2	3.95970+	1	1.86095+	2	57	3	1	982
3.96000+	1	1.83932+	2	3.96542+	1	1.45260+	2	3.96910+	1	1.23374+	2	57	3	1	983
3.97118+	1	1.11008+	2	3.98154+	1	7.25359+	1	3.98290+	1	6.96340+	1	57	3	1	984
3.98498+	1	6.52101+	1	3.98763+	1	6.08035+	1	3.99000+	1	5.75239+	1	57	3	1	985
3.99237+	1	5.47140+	1	3.99502+	1	5.19820+	1	3.99660+	1	5.05525+	1	57	3	1	986
3.99846+	1	4.87087+	1	4.00882+	1	4.05572+	1	4.01652+	1	3.69586+	1	57	3	1	987
4.01940+	1	3.65581+	1	4.02167+	1	3.65368+	1	4.02687+	1	3.78577+	1	57	3	1	988
4.03464+	1	4.18498+	1	4.04508+	1	4.80900+	1	4.04854+	1	4.95710+	1	57	3	1	989
4.05121+	1	5.03352+	1	4.05140+	1	5.03646+	1	4.05360+	1	5.08599+	1	57	3	1	990
4.05599+	1	5.10883+	1	4.05866+	1	5.09834+	1	4.06212+	1	5.03229+	1	57	3	1	991
4.06970+	1	4.72777+	1	4.07256+	1	4.61498+	1	4.07430+	1	4.54572+	1	57	3	1	992
4.07890+	1	4.31079+	1	4.08033+	1	4.22606+	1	4.08247+	1	4.12659+	1	57	3	1	993
4.08634+	1	3.98819+	1	4.09710+	1	4.01491+	1	4.10049+	1	4.00838+	1	57	3	1	994
4.11949+	1	5.02786+	1	4.12000+	1	5.06424+	1	4.12580+	1	5.52836+	1	57	3	1	995
4.13065+	1	5.92139+	1	4.13500+	1	6.27905+	1	4.13935+	1	6.65917+	1	57	3	1	996
4.14290+	1	7.01835+	1	4.14420+	1	7.12336+	1	4.15042+	1	7.83088+	1	57	3	1	997
4.15388+	1	8.38087+	1	4.15658+	1	8.90552+	1	4.15660+	1	8.91011+	1	57	3	1	998
4.15900+	1	9.53379+	1	4.16142+	1	1.02343+	2	4.16412+	1	1.10925+	2	57	3	1	999
4.16570+	1	1.16341+	2	4.16763+	1	1.22803+	2	4.17313+	1	1.41628+	2	57	3	1	1000
4.17864+	1	1.57903+	2	4.17940+	1	1.59473+	2	4.18216+	1	1.65537+	2	57	3	1	1001
4.18487+	1	1.69186+	2	4.18730+	1	1.70550+	2	4.18973+	1	1.70059+	2	57	3	1	1002
4.19244+	1	1.67392+	2	4.19596+	1	1.60965+	2	4.19770+	1	1.55948+	2	57	3	1	1003
4.20511+	1	1.32692+	2	4.21140+	1	1.12129+	2	4.21430+	1	1.02464+	2	57	3	1	1004
4.21784+	1	9.26212+	1	4.22056+	1	8.59605+	1	4.22300+	1	8.06364+	1	57	3	1	1005
4.22544+	1	7.58741+	1	4.22816+	1	7.11610+	1	4.22970+	1	6.88657+	1	57	3	1	1006
4.23170+	1	6.65235+	1	4.23890+	1	6.16785+	1	4.24236+	1	5.87957+	1	57	3	1	1007
4.24594+	1	5.75318+	1	4.24954+	1	5.70435+	1	4.25710+	1	5.78296+	1	57	3	1	1008
4.26025+	1	5.76052+	1	4.26381+	1	5.72049+	1	4.26655+	1	5.65482+	1	57	3	1	1009
4.26900+	1	5.56014+	1	4.27090+	1	5.45771+	1	4.27145+	1	5.44845+	1	57	3	1	1010
4.27419+	1	5.35796+	1	4.27775+	1	5.17738+	1	4.28000+	1	5.02354+	1	57	3	1	1011
4.28846+	1	4.49488+	1	4.28910+	1	4.47374+	1	4.29644+	1	3.84125+	1	57	3	1	1012
4.30290+	1	3.75679+	1	4.30425+	1	3.75882+	1	4.31214+	1	4.49758+	1	57	3	1	1013
4.32018+	1	5.88512+	1	4.32110+	1	6.05739+	1	4.33030+	1	7.87994+	1	57	3	1	1014
4.33098+	1	8.00658+	1	4.33457+	1	8.46088+	1	4.33733+	1	8.68170+	1	57	3	1	1015
4.33980+	1	8.77328+	1	4.34227+	1	8.76189+	1	4.34503+	1	8.63256+	1	57	3	1	1016
4.34860+	1	8.30530+	1	4.34862+	1	8.30391+	1	4.35942+	1	6.97266+	1	57	3	1	1017
4.36483+	1	6.36831+	1	4.36690+	1	6.22639+	1	4.37026+	1	5.98822+	1	57	3	1	1018
4.38060+	1	5.92966+	1	4.38113+	1	5.93000+	1	4.38474+	1	6.04375+	1	57	3	1	1019
4.38751+	1	6.13312+	1	4.39000+	1	6.19829+	1	4.39249+	1	6.24344+	1	57	3	1	1020
4.39350+	1	6.25477+	1	4.39451+	1	6.26171+	1	4.39700+	1	6.25944+	1	57	3	1	1021
4.39949+	1	6.23039+	1	4.40227+	1	6.17032+	1	4.40340+	1	6.13626+	1	57	3	1	1022
4.40588+	1	6.03512+	1	4.41675+	1	5.64098+	1	4.41710+	1	5.64558+	1	57	3	1	1023
4.42484+	1	5.64411+	1	4.42839+	1	5.81571+	1	4.43196+	1	6.10011+	1	57	3	1	1024
4.44000+	1	7.07616+	1	4.44011+	1	7.09074+	1	4.45106+	1	8.78832+	1	57	3	1	1025
4.45470+	1	9.22963+	1	4.45749+	1	9.48680+	1	4.46000+	1	9.64667+	1	57	3	1	1026
4.46251+	1	9.73553+	1	4.46290+	1	9.73758+	1	4.46530+	1	9.72694+	1	57	3	1	1027
4.46894+	1	9.58326+	1	4.47134+	1	9.41906+	1	4.47635+	1	8.93500+	1	57	3	1	1028
4.48394+	1	7.98877+	1	4.48570+	1	7.75643+	1	4.48977+	1	7.25526+	1	57	3	1	1029
4.49500+	1	6.64405+	1	4.50023+	1	6.08226+	1	4.50606+	1	5.51379+	1	57	3	1	1030
4.50860+	1	5.29254+	1	4.51365+	1	4.82900+	1	4.53140+	1	3.64636+	1	57	3	1	1031
4.53649+	1	3.31996+	1	4.55154+	1	3.05831+	1	4.55430+	1	3.08575+	1	57	3	1	1032
4.55884+	1	3.12422+	1	4.56994+	1	3.28084+	1	4.57363+	1	3.30615+	1	57	3	1	1033
4.57646+	1	3.30567+	1	4.57710+	1	3.30124+	1	4.57900+	1	3.28773+	1	57	3	1	1034
4.58154+	1	3.25254+	1	4.58437+	1	3.19331+	1	4.58806+	1	3.08769+	1	57	3	1	1035
4.59916+	1	2.65398+	1	4.60000+	1	2.62008+	1	4.60741+	1	2.34355+	1	57	3	1	1036
4.61810+	1	2.16867+	1	4.61813+	1	2.16815+	1	4.62873+	1	2.35145+	1	57	3	1	1037
4.63630+	1	2.85063+	1	4.63944+	1	3.07741+	1	4.65028+	1	4.64269+	1	57	3	1	1038
4.65440+	1	5.53597+	1	4.65863+	1	6.40947+	1	4.66984+	1	9.22232+	1	57	3	1	1039
4.67260+	1	9.89819+	1	4.67357+	1	1.01333+	2	4.67643+	1	1.07741+	2	57	3	1	1040
4.67900+	1	1.12887+	2	4.68157+	1	1.17326+	2	4.68443+	1	1.21293+	2	57	3	1	1041
4.68816+	1	1.24666+	2	4.69004+	1	1.25535+	2	4.69192+	1	1.25821+	2	57	3	1	1042
4.69565+	1	1.24622+	2	4.69853+	1	1.22145+	2	4.70110+	1	1.18840+	2	57	3	1	1043
4.70367+	1	1.14601+	2	4.70655+	1	1.08913+	2	4.71028+	1	1.00329+	2	57	3	1	1044
4.72152+	1	7.12766+	1	4.72700+	1	5.88001+	1	4.72989+	1	5.24232+	1	57	3	1	1045
4.74075+	1	3.73508+	1	4.74510+	1	3.53182+	1	4.74881+	1	3.39081+	1	57	3	1	1046
4.75695+	1	3.73507+	1	4.76330+	1	4.62949+	1	4.76792+	1	5.24364+	1	57	3	1	1047
4.77410+	1	6.60431+	1	4.77637+	1	7.05801+	1	4.78773+	1	9.59741+	1	57	3	1	1048
4.78870+	1	9.77547+	1	4.79150+	1	1.03074+	2	4.79440+	1	1.07542+	2	57	3	1	1049

4.79590+	1	1.09334+	2	4.79700+	1	1.10284+	2	4.79960+	1	1.11640+	2	57	3	1	1050
4.80250+	1	1.12081+	2	4.80627+	1	1.11066+	2	4.80680+	1	1.10623+	2	57	3	1	1051
4.81347+	1	1.07532+	2	4.81770+	1	1.03488+	2	4.82070+	1	1.01768+	2	57	3	1	1052
4.82448+	1	9.88303+	1	4.82739+	1	9.63910+	1	4.82860+	1	9.53522+	1	57	3	1	1053
4.83000+	1	9.36769+	1	4.83261+	1	9.05642+	1	4.83552+	1	8.71818+	1	57	3	1	1054
4.83930+	1	8.30955+	1	4.83950+	1	8.29600+	1	4.85070+	1	7.95650+	1	57	3	1	1055
4.85400+	1	8.05449+	1	4.85494+	1	8.05695+	1	4.85919+	1	8.21418+	1	57	3	1	1056
4.86120+	1	8.35963+	1	4.86850+	1	8.72184+	1	4.87065+	1	8.73265+	1	57	3	1	1057
4.87445+	1	8.72010+	1	4.87738+	1	8.64602+	1	4.88000+	1	8.52268+	1	57	3	1	1058
4.88262+	1	8.33748+	1	4.88555+	1	8.05817+	1	4.88660+	1	7.93014+	1	57	3	1	1059
4.88935+	1	7.71313+	1	4.88999+	1	7.65398+	1	4.89063+	1	7.59270+	1	57	3	1	1060
4.89340+	1	7.30671+	1	4.89444+	1	7.22987+	1	4.89737+	1	7.00697+	1	57	3	1	1061
4.90000+	1	6.82808+	1	4.90110+	1	6.77005+	1	4.90263+	1	6.72693+	1	57	3	1	1062
4.90556+	1	6.71338+	1	4.90937+	1	6.83317+	1	4.91200+	1	7.15528+	1	57	3	1	1063
4.91930+	1	7.75594+	1	4.92085+	1	7.86745+	1	4.92086+	1	7.86809+	1	57	3	1	1064
4.92086+	1	7.86874+	1	4.93239+	1	9.43079+	1	4.93380+	1	9.55625+	1	57	3	1	1065
4.93622+	1	9.83893+	1	4.93916+	1	1.00457+	2	4.94180+	1	1.01113+	2	57	3	1	1066
4.94444+	1	1.00573+	2	4.94738+	1	9.85747+	1	4.95121+	1	9.39877+	1	57	3	1	1067
4.95560+	1	8.57359+	1	4.96274+	1	7.19924+	1	4.96640+	1	6.54015+	1	57	3	1	1068
4.97132+	1	5.56181+	1	4.97618+	1	4.89662+	1	4.97730+	1	4.80686+	1	57	3	1	1069
4.98108+	1	4.46113+	1	4.98971+	1	4.30787+	1	4.99550+	1	4.65640+	1	57	3	1	1070
5.00132+	1	5.06820+	1	5.00518+	1	5.47438+	1	5.00814+	1	5.81589+	1	57	3	1	1071
5.01080+	1	6.14073+	1	5.01346+	1	6.48237+	1	5.01642+	1	6.88275+	1	57	3	1	1072
5.01720+	1	6.99334+	1	5.02028+	1	7.44617+	1	5.02867+	1	8.73133+	1	57	3	1	1073
5.03709+	1	9.85518+	1	5.04096+	1	1.02017+	2	5.04393+	1	1.03614+	2	57	3	1	1074
5.04660+	1	1.04158+	2	5.04927+	1	1.03926+	2	5.05224+	1	1.02623+	2	57	3	1	1075
5.05611+	1	9.96030+	1	5.06082+	1	9.45591+	1	5.06651+	1	8.80503+	1	57	3	1	1076
5.07118+	1	8.39134+	1	5.07478+	1	8.23242+	1	5.07800+	1	8.25446+	1	57	3	1	1077
5.08122+	1	8.46214+	1	5.08482+	1	8.93859+	1	5.08949+	1	9.97040+	1	57	3	1	1078
5.10357+	1	1.55938+	2	5.10461+	1	1.61048+	2	5.10547+	1	1.65341+	2	57	3	1	1079
5.11721+	1	2.18896+	2	5.12111+	1	2.30966+	2	5.12411+	1	2.37123+	2	57	3	1	1080
5.12680+	1	2.40078+	2	5.12949+	1	2.40521+	2	5.13249+	1	2.38146+	2	57	3	1	1081
5.13639+	1	2.30873+	2	5.14487+	1	2.02952+	2	5.15338+	1	1.68016+	2	57	3	1	1082
5.15729+	1	1.52642+	2	5.16030+	1	1.41784+	2	5.16300+	1	1.32965+	2	57	3	1	1083
5.16570+	1	1.25115+	2	5.16871+	1	1.17575+	2	5.17262+	1	1.09771+	2	57	3	1	1084
5.18050+	1	1.03144+	2	5.18440+	1	9.98733+	1	5.18852+	1	1.00880+	2	57	3	1	1085
5.19395+	1	1.05053+	2	5.20945+	1	1.24992+	2	5.21459+	1	1.30115+	2	57	3	1	1086
5.21855+	1	1.32260+	2	5.22210+	1	1.32552+	2	5.22565+	1	1.31182+	2	57	3	1	1087
5.22961+	1	1.27704+	2	5.23475+	1	1.20407+	2	5.25025+	1	8.75539+	1	57	3	1	1088
5.25310+	1	8.16197+	1	5.26179+	1	6.42970+	1	5.27120+	1	5.19582+	1	57	3	1	1089
5.27676+	1	4.41764+	1	5.29072+	1	3.49977+	1	5.30152+	1	3.35741+	1	57	3	1	1090
5.31310+	1	3.71327+	1	5.32203+	1	4.27670+	1	5.32560+	1	4.50820+	1	57	3	1	1091
5.33401+	1	5.05125+	1	5.33799+	1	5.21111+	1	5.34106+	1	5.27816+	1	57	3	1	1092
5.34380+	1	5.29205+	1	5.34654+	1	5.29703+	1	5.34961+	1	5.25077+	1	57	3	1	1093
5.35359+	1	5.11723+	1	5.36190+	1	4.63348+	1	5.36557+	1	4.37339+	1	57	3	1	1094
5.37450+	1	3.76307+	1	5.37839+	1	3.56777+	1	5.38000+	1	3.50968+	1	57	3	1	1095
5.38231+	1	3.40604+	1	5.39128+	1	3.20034+	1	5.40000+	1	3.18599+	1	57	3	1	1096
5.40335+	1	3.19126+	1	5.40736+	1	3.20398+	1	5.41044+	1	3.20295+	1	57	3	1	1097
5.41320+	1	3.19105+	1	5.41596+	1	3.16760+	1	5.41810+	1	3.13997+	1	57	3	1	1098
5.41904+	1	3.13280+	1	5.42305+	1	3.08971+	1	5.43512+	1	2.93117+	1	57	3	1	1099
5.43630+	1	2.94072+	1	5.44409+	1	3.00823+	1	5.45440+	1	3.76276+	1	57	3	1	1100
5.45575+	1	3.86258+	1	5.45960+	1	4.46266+	1	5.46349+	1	5.28299+	1	57	3	1	1101
5.47260+	1	8.39751+	1	5.47524+	1	9.30805+	1	5.48430+	1	1.37983+	2	57	3	1	1102
5.49070+	1	1.68990+	2	5.49647+	1	1.96625+	2	5.50051+	1	2.09513+	2	57	3	1	1103
5.50362+	1	2.15846+	2	5.50640+	1	2.18531+	2	5.50880+	1	2.18358+	2	57	3	1	1104
5.50918+	1	2.18298+	2	5.51229+	1	2.14508+	2	5.51633+	1	2.04909+	2	57	3	1	1105
5.52700+	1	1.63230+	2	5.52850+	1	1.57507+	2	5.53756+	1	1.24622+	2	57	3	1	1106
5.54506+	1	1.09374+	2	5.54510+	1	1.09369+	2	5.55262+	1	1.07813+	2	57	3	1	1107
5.56174+	1	1.21034+	2	5.56330+	1	1.24817+	2	5.57400+	1	1.50430+	2	57	3	1	1108
5.57807+	1	1.59681+	2	5.58120+	1	1.65920+	2	5.58140+	1	1.66264+	2	57	3	1	1109
5.58400+	1	1.70440+	2	5.58680+	1	1.74143+	2	5.58993+	1	1.77374+	2	57	3	1	1110
5.59400+	1	1.80371+	2	5.59549+	1	1.81262+	2	5.59698+	1	1.82089+	2	57	3	1	1111
5.59950+	1	1.83510+	2	5.60105+	1	1.84869+	2	5.60419+	1	1.88124+	2	57	3	1	1112
5.60700+	1	1.91848+	2	5.60981+	1	1.96671+	2	5.61295+	1	2.03691+	2	57	3	1	1113
5.61702+	1	2.15809+	2	5.61770+	1	2.18817+	2	5.62836+	1	2.65975+	2	57	3	1	1114
5.62860+	1	2.67116+	2	5.63580+	1	2.96156+	2	5.63974+	1	3.11340+	2	57	3	1	1115
5.64310+	1	3.18250+	2	5.64383+	1	3.20377+	2	5.64698+	1	3.24885+	2	57	3	1	1116
5.64980+	1	3.24983+	2	5.65262+	1	3.21171+	2	5.65577+	1	3.12350+	2	57	3	1	1117
5.65986+	1	2.94273+	2	5.66490+	1	2.60271+	2	5.67219+	1	2.12926+	2	57	3	1	1118
5.67940+	1	1.63663+	2	5.68136+	1	1.49054+	2	5.69020+	1	1.00979+	2	57	3	1	1119
5.69327+	1	8.46691+	1	5.70994+	1	4.47852+	1	5.71200+	1	4.27659+	1	57	3	1	1120

5.71453+	1	4.04203+	1	5.71917+	1	3.78709+	1	5.72650+	1	3.85112+	1	57	3	1	1121
5.73603+	1	3.94852+	1	5.74808+	1	5.05947+	1	5.75735+	1	6.50409+	1	57	3	1	1122
5.76280+	1	7.65050+	1	5.76982+	1	9.12042+	1	5.77396+	1	1.00822+	2	57	3	1	1123
5.77715+	1	1.08205+	2	5.78000+	1	1.14636+	2	5.78100+	1	1.16782+	2	57	3	1	1124
5.78285+	1	1.20518+	2	5.78604+	1	1.26319+	2	5.79018+	1	1.32536+	2	57	3	1	1125
5.79299+	1	1.35661+	2	5.79580+	1	1.37745+	2	5.79910+	1	1.38490+	2	57	3	1	1126
5.79995+	1	1.38962+	2	5.80314+	1	1.38907+	2	5.80600+	1	1.37514+	2	57	3	1	1127
5.80886+	1	1.34932+	2	5.81205+	1	1.30828+	2	5.81620+	1	1.24031+	2	57	3	1	1128
5.81720+	1	1.22243+	2	5.82870+	1	9.84654+	1	5.83170+	1	9.44377+	1	57	3	1	1129
5.83662+	1	8.85054+	1	5.83900+	1	8.78834+	1	5.84458+	1	8.59283+	1	57	3	1	1130
5.84990+	1	8.80574+	1	5.85710+	1	9.05101+	1	5.85715+	1	9.05346+	1	57	3	1	1131
5.86132+	1	9.23105+	1	5.86453+	1	9.28448+	1	5.86740+	1	9.25558+	1	57	3	1	1132
5.86800+	1	9.23197+	1	5.87027+	1	9.15289+	1	5.87348+	1	8.93892+	1	57	3	1	1133
5.87765+	1	8.50800+	1	5.88250+	1	7.74238+	1	5.89022+	1	6.57998+	1	57	3	1	1134
5.89956+	1	5.09026+	1	5.90070+	1	4.96481+	1	5.91160+	1	3.64583+	1	57	3	1	1135
5.91170+	1	3.63332+	1	5.92145+	1	2.98180+	1	5.93129+	1	2.73563+	1	57	3	1	1136
5.94354+	1	2.82305+	1	5.94420+	1	2.84230+	1	5.95297+	1	3.09971+	1	57	3	1	1137
5.96240+	1	3.53179+	1	5.96565+	1	3.68246+	1	5.96986+	1	3.92357+	1	57	3	1	1138
5.97310+	1	4.12402+	1	5.97600+	1	4.31485+	1	5.97890+	1	4.51563+	1	57	3	1	1139
5.98050+	1	4.63366+	1	5.98214+	1	4.75515+	1	5.98635+	1	5.08677+	1	57	3	1	1140
5.99736+	1	5.99102+	1	6.00841+	1	6.72769+	1	6.01264+	1	6.88822+	1	57	3	1	1141
6.01589+	1	6.94900+	1	6.01880+	1	6.95355+	1	6.02171+	1	6.91054+	1	57	3	1	1142
6.02496+	1	6.80960+	1	6.02919+	1	6.60432+	1	6.03490+	1	6.21134+	1	57	3	1	1143
6.04191+	1	5.72929+	1	6.05116+	1	5.20001+	1	6.06047+	1	5.00388+	1	57	3	1	1144
6.07326+	1	5.24265+	1	6.07751+	1	5.37975+	1	6.08077+	1	5.48031+	1	57	3	1	1145
6.08370+	1	5.55960+	1	6.08663+	1	5.62294+	1	6.08930+	1	5.66139+	1	57	3	1	1146
6.08989+	1	5.66995+	1	6.09414+	1	5.68797+	1	6.09833+	1	5.65466+	1	57	3	1	1147
6.10253+	1	5.57052+	1	6.10679+	1	5.43549+	1	6.11007+	1	5.30357+	1	57	3	1	1148
6.11300+	1	5.16624+	1	6.11593+	1	5.01458+	1	6.11921+	1	4.83200+	1	57	3	1	1149
6.12347+	1	4.58147+	1	6.12560+	1	4.45394+	1	6.12892+	1	4.25519+	1	57	3	1	1150
6.13854+	1	3.72744+	1	6.14605+	1	3.40350+	1	6.15183+	1	3.21756+	1	57	3	1	1151
6.15700+	1	3.09429+	1	6.16190+	1	3.00893+	1	6.16217+	1	3.00420+	1	57	3	1	1152
6.16795+	1	2.93320+	1	6.17350+	1	2.88348+	1	6.17905+	1	2.84626+	1	57	3	1	1153
6.18483+	1	2.81460+	1	6.19000+	1	2.79072+	1	6.19517+	1	2.77106+	1	57	3	1	1154
6.20095+	1	2.75486+	1	6.20846+	1	2.74355+	1	6.21676+	1	2.74250+	1	57	3	1	1155
6.21810+	1	2.74296+	1	6.22398+	1	2.73899+	1	6.22900+	1	2.73193+	1	57	3	1	1156
6.23050+	1	2.73203+	1	6.23551+	1	2.72568+	1	6.24000+	1	2.71287+	1	57	3	1	1157
6.24449+	1	2.69381+	1	6.24950+	1	2.66672+	1	6.25440+	1	2.63699+	1	57	3	1	1158
6.25602+	1	2.62777+	1	6.27260+	1	2.59453+	1	6.27565+	1	2.58513+	1	57	3	1	1159
6.27727+	1	2.59043+	1	6.27835+	1	2.59505+	1	6.29137+	1	2.72147+	1	57	3	1	1160
6.29570+	1	2.78745+	1	6.29902+	1	2.84770+	1	6.30200+	1	2.90699+	1	57	3	1	1161
6.30498+	1	2.97092+	1	6.30830+	1	3.04733+	1	6.31263+	1	3.15397+	1	57	3	1	1162
6.31698+	1	3.26881+	1	6.32135+	1	3.39065+	1	6.32568+	1	3.51601+	1	57	3	1	1163
6.32901+	1	3.61470+	1	6.33200+	1	3.70378+	1	6.33499+	1	3.79249+	1	57	3	1	1164
6.33832+	1	3.89094+	1	6.34265+	1	4.01308+	1	6.34421+	1	4.05506+	1	57	3	1	1165
6.34738+	1	4.13601+	1	6.35617+	1	4.32297+	1	6.36294+	1	4.42630+	1	57	3	1	1166
6.36900+	1	4.50114+	1	6.37410+	1	4.57451+	1	6.37506+	1	4.58831+	1	57	3	1	1167
6.38183+	1	4.75690+	1	6.39062+	1	5.21385+	1	6.39230+	1	5.40947+	1	57	3	1	1168
6.40320+	1	6.68282+	1	6.40976+	1	7.44479+	1	6.41410+	1	7.98830+	1	57	3	1	1169
6.41926+	1	8.62171+	1	6.42363+	1	8.95134+	1	6.42490+	1	8.99532+	1	57	3	1	1170
6.42699+	1	9.07429+	1	6.43000+	1	9.07289+	1	6.43220+	1	8.98903+	1	57	3	1	1171
6.43301+	1	8.96144+	1	6.43637+	1	8.71598+	1	6.44074+	1	8.21054+	1	57	3	1	1172
6.44310+	1	7.80015+	1	6.45389+	1	5.90984+	1	6.45400+	1	5.88959+	1	57	3	1	1173
6.46367+	1	4.17364+	1	6.46490+	1	4.02655+	1	6.47210+	1	3.16187+	1	57	3	1	1174
6.47637+	1	2.64791+	1	6.49020+	1	1.98577+	1	6.49416+	1	1.79573+	1	57	3	1	1175
6.50457+	1	1.64596+	1	6.51510+	1	1.60537+	1	6.52650+	1	1.71087+	1	57	3	1	1176
6.53309+	1	1.77094+	1	6.54470+	1	2.12757+	1	6.54594+	1	2.16508+	1	57	3	1	1177
6.55584+	1	2.62555+	1	6.56280+	1	2.95517+	1	6.56914+	1	3.25140+	1	57	3	1	1178
6.57356+	1	3.39644+	1	6.57696+	1	3.47338+	1	6.57730+	1	3.47801+	1	57	3	1	1179
6.58000+	1	3.51920+	1	6.58304+	1	3.53966+	1	6.58644+	1	3.53454+	1	57	3	1	1180
6.58820+	1	3.51798+	1	6.59086+	1	3.49366+	1	6.59910+	1	3.38103+	1	57	3	1	1181
6.60416+	1	3.30860+	1	6.61000+	1	3.28741+	1	6.61003+	1	3.28729+	1	57	3	1	1182
6.61593+	1	3.33317+	1	6.61720+	1	3.35685+	1	6.62929+	1	3.56728+	1	57	3	1	1183
6.63373+	1	3.62196+	1	6.63540+	1	3.62822+	1	6.63714+	1	3.63811+	1	57	3	1	1184
6.64020+	1	3.62811+	1	6.64326+	1	3.58956+	1	6.64630+	1	3.52059+	1	57	3	1	1185
6.64667+	1	3.51195+	1	6.65111+	1	3.35810+	1	6.65710+	1	3.05453+	1	57	3	1	1186
6.66447+	1	2.68922+	1	6.67442+	1	2.19754+	1	6.68232+	1	1.91641+	1	57	3	1	1187
6.68250+	1	1.91267+	1	6.69027+	1	1.74450+	1	6.70027+	1	1.66859+	1	57	3	1	1188
6.71372+	1	1.68889+	1	6.71819+	1	1.69809+	1	6.72162+	1	1.70037+	1	57	3	1	1189
6.72470+	1	1.69748+	1	6.72778+	1	1.68959+	1	6.73121+	1	1.67460+	1	57	3	1	1190

6.73568+	1	1.64553+	1	6.74913+	1	1.52163+	1	6.75913+	1	1.42940+	1	57	3	1	1191
6.76240+	1	1.41012+	1	6.77212+	1	1.35235+	1	6.78050+	1	1.33844+	1	57	3	1	1192
6.78409+	1	1.33289+	1	6.79616+	1	1.36210+	1	6.80926+	1	1.45410+	1	57	3	1	1193
6.81680+	1	1.54112+	1	6.81936+	1	1.57090+	1	6.83292+	1	1.76599+	1	57	3	1	1194
6.83743+	1	1.82740+	1	6.84090+	1	1.87226+	1	6.84400+	1	1.90722+	1	57	3	1	1195
6.84710+	1	1.93746+	1	6.84850+	1	1.94944+	1	6.84989+	1	1.96045+	1	57	3	1	1196
6.85300+	1	1.98163+	1	6.85611+	1	1.99881+	1	6.85957+	1	2.01480+	1	57	3	1	1197
6.86408+	1	2.03453+	1	6.87766+	1	2.15977+	1	6.88776+	1	2.41346+	1	57	3	1	1198
6.89104+	1	2.53748+	1	6.89435+	1	2.68246+	1	6.90450+	1	3.22594+	1	57	3	1	1199
6.91816+	1	3.95521+	1	6.92269+	1	4.11988+	1	6.92618+	1	4.20281+	1	57	3	1	1200
6.92930+	1	4.24107+	1	6.93242+	1	4.24391+	1	6.93591+	1	4.20672+	1	57	3	1	1201
6.94000+	1	4.11094+	1	6.94044+	1	4.10603+	1	6.95410+	1	3.72403+	1	57	3	1	1202
6.96190+	1	3.52963+	1	6.96425+	1	3.45570+	1	6.97744+	1	3.50402+	1	57	3	1	1203
6.98000+	1	3.64517+	1	6.98463+	1	3.87493+	1	6.99187+	1	4.58854+	1	57	3	1	1204
7.00000+	1	6.06678+	1	7.00517+	1	6.90017+	1	7.01541+	1	9.47332+	1	57	3	1	1205
7.01810+	1	1.02318+	2	7.02917+	1	1.36190+	2	7.03374+	1	1.48520+	2	57	3	1	1206
7.03630+	1	1.54514+	2	7.03725+	1	1.56510+	2	7.04040+	1	1.61977+	2	57	3	1	1207
7.04355+	1	1.66246+	2	7.04706+	1	1.69507+	2	7.05163+	1	1.71325+	2	57	3	1	1208
7.05440+	1	1.70549+	2	7.05768+	1	1.69909+	2	7.06374+	1	1.64440+	2	57	3	1	1209
7.06832+	1	1.57832+	2	7.07184+	1	1.51502+	2	7.07260+	1	1.49949+	2	57	3	1	1210
7.07500+	1	1.45485+	2	7.07816+	1	1.38972+	2	7.08168+	1	1.31091+	2	57	3	1	1211
7.08626+	1	1.20146+	2	7.09070+	1	1.09242+	2	7.10005+	1	8.65438+	1	57	3	1	1212
7.10880+	1	6.85017+	1	7.11032+	1	6.52947+	1	7.11787+	1	5.33141+	1	57	3	1	1213
7.12547+	1	4.49787+	1	7.12700+	1	4.40620+	1	7.13579+	1	3.82169+	1	57	3	1	1214
7.14967+	1	3.50591+	1	7.15428+	1	3.47025+	1	7.15600+	1	3.46158+	1	57	3	1	1215
7.15782+	1	3.43519+	1	7.16100+	1	3.39416+	1	7.16418+	1	3.35812+	1	57	3	1	1216
7.16772+	1	3.32286+	1	7.17233+	1	3.30579+	1	7.18140+	1	3.50842+	1	57	3	1	1217
7.18621+	1	3.62514+	1	7.19230+	1	4.16934+	1	7.19653+	1	4.59371+	1	57	3	1	1218
7.19950+	1	5.03756+	1	7.19989+	1	5.09807+	1	7.20327+	1	5.69946+	1	57	3	1	1219
7.20680+	1	6.46525+	1	7.21040+	1	7.36559+	1	7.21366+	1	8.14680+	1	57	3	1	1220
7.21770+	1	9.12209+	1	7.22761+	1	1.12192+	2	7.23220+	1	1.18696+	2	57	3	1	1221
7.23224+	1	1.18757+	2	7.23581+	1	1.21971+	2	7.23900+	1	1.23304+	2	57	3	1	1222
7.24219+	1	1.23120+	2	7.24576+	1	1.21156+	2	7.25030+	1	1.16168+	2	57	3	1	1223
7.25039+	1	1.16095+	2	7.26375+	1	9.47757+	1	7.26850+	1	8.65559+	1	57	3	1	1224
7.27210+	1	7.62660+	1	7.27846+	1	6.16801+	1	7.28300+	1	5.32364+	1	57	3	1	1225
7.28356+	1	5.23442+	1	7.28748+	1	4.70397+	1	7.29020+	1	4.38861+	1	57	3	1	1226
7.29100+	1	4.29423+	1	7.29452+	1	3.93609+	1	7.29750+	1	3.67603+	1	57	3	1	1227
7.29844+	1	3.59949+	1	7.30354+	1	3.25835+	1	7.30840+	1	3.03596+	1	57	3	1	1228
7.31891+	1	2.55274+	1	7.32650+	1	2.32975+	1	7.33035+	1	2.20842+	1	57	3	1	1229
7.34519+	1	1.90641+	1	7.36280+	1	1.77509+	1	7.36597+	1	1.75043+	1	57	3	1	1230
7.37604+	1	1.79385+	1	7.38100+	1	1.88411+	1	7.38532+	1	1.96199+	1	57	3	1	1231
7.39910+	1	2.86926+	1	7.40447+	1	3.22796+	1	7.41815+	1	5.53831+	1	57	3	1	1232
7.42868+	1	8.15536+	1	7.44260+	1	1.16103+	2	7.44284+	1	1.16765+	2	57	3	1	1233
7.44754+	1	1.26038+	2	7.45116+	1	1.31084+	2	7.45440+	1	1.33886+	2	57	3	1	1234
7.45710+	1	1.34828+	2	7.45764+	1	1.35179+	2	7.46126+	1	1.35640+	2	57	3	1	1235
7.46596+	1	1.33533+	2	7.47890+	1	1.18065+	2	7.48012+	1	1.15862+	2	57	3	1	1236
7.48250+	1	1.11385+	2	7.48563+	1	1.03447+	2	7.48620+	1	1.02184+	2	57	3	1	1237
7.48980+	1	9.15686+	1	7.49117+	1	8.87504+	1	7.49340+	1	8.58501+	1	57	3	1	1238
7.49710+	1	8.10863+	1	7.50430+	1	7.28730+	1	7.50539+	1	7.16960+	1	57	3	1	1239
7.50790+	1	7.06671+	1	7.51011+	1	6.99255+	1	7.51375+	1	6.94800+	1	57	3	1	1240
7.51700+	1	6.95046+	1	7.51880+	1	6.96729+	1	7.52025+	1	7.00079+	1	57	3	1	1241
7.52389+	1	7.10364+	1	7.52861+	1	7.24408+	1	7.53553+	1	7.40649+	1	57	3	1	1242
7.54246+	1	7.44650+	1	7.54420+	1	7.41899+	1	7.54720+	1	7.38919+	1	57	3	1	1243
7.55084+	1	7.28727+	1	7.55410+	1	7.14524+	1	7.55736+	1	6.95374+	1	57	3	1	1244
7.55870+	1	6.85669+	1	7.56100+	1	6.70570+	1	7.56574+	1	6.31930+	1	57	3	1	1245
7.57999+	1	4.87225+	1	7.58050+	1	4.82135+	1	7.59060+	1	3.81038+	1	57	3	1	1246
7.60230+	1	2.94830+	1	7.60436+	1	2.78547+	1	7.61431+	1	2.29916+	1	57	3	1	1247
7.61680+	1	2.22899+	1	7.62433+	1	2.01617+	1	7.63821+	1	1.85921+	1	57	3	1	1248
7.64890+	1	1.85470+	1	7.66327+	1	1.91610+	1	7.66804+	1	1.94002+	1	57	3	1	1249
7.67171+	1	1.95785+	1	7.67480+	1	1.97302+	1	7.67500+	1	1.97414+	1	57	3	1	1250
7.67829+	1	1.99382+	1	7.68196+	1	2.01972+	1	7.68673+	1	2.06505+	1	57	3	1	1251
7.69660+	1	2.28205+	1	7.70110+	1	2.37812+	1	7.71110+	1	2.86794+	1	57	3	1	1252
7.71179+	1	2.90128+	1	7.71201+	1	2.91529+	1	7.71224+	1	2.92948+	1	57	3	1	1253
7.72298+	1	3.72952+	1	7.73741+	1	4.88128+	1	7.74221+	1	5.17174+	1	57	3	1	1254
7.74590+	1	5.34004+	1	7.74920+	1	5.44644+	1	7.75250+	1	5.51145+	1	57	3	1	1255
7.75619+	1	5.53971+	1	7.75620+	1	5.53968+	1	7.76099+	1	5.52812+	1	57	3	1	1256
7.76190+	1	5.52058+	1	7.77542+	1	5.39502+	1	7.78039+	1	5.41665+	1	57	3	1	1257
7.78537+	1	5.49708+	1	7.79987+	1	5.90452+	1	7.80468+	1	5.99398+	1	57	3	1	1258
7.80838+	1	6.00928+	1	7.81170+	1	5.97666+	1	7.81502+	1	5.89371+	1	57	3	1	1259
7.81872+	1	5.74016+	1	7.82353+	1	5.44965+	1	7.83000+	1	4.87729+	1	57	3	1	1260

7.83630+	1	4.90458+	1	7.83803+	1	4.76464+	1	7.84881+	1	3.84471+	1	57	3	1	1261
7.85440+	1	3.50886+	1	7.86281+	1	2.89178+	1	7.87260+	1	2.54211+	1	57	3	1	1262
7.88241+	1	2.21788+	1	7.88907+	1	2.13066+	1	7.89070+	1	2.12097+	1	57	3	1	1263
7.89578+	1	2.05903+	1	7.90880+	1	2.09934+	1	7.91558+	1	2.14048+	1	57	3	1	1264
7.92700+	1	2.51345+	1	7.92972+	1	2.58360+	1	7.94061+	1	3.07216+	1	57	3	1	1265
7.94510+	1	3.27495+	1	7.95525+	1	3.87055+	1	7.96011+	1	4.07566+	1	57	3	1	1266
7.96385+	1	4.18787+	1	7.96720+	1	4.25168+	1	7.97055+	1	4.28075+	1	57	3	1	1267
7.97429+	1	4.27510+	1	7.97915+	1	4.21826+	1	7.98140+	1	4.17321+	1	57	3	1	1268
7.99379+	1	4.08176+	1	7.99950+	1	4.09811+	1	8.00138+	1	4.07791+	1	57	3	1	1269
8.00680+	1	4.10017+	1	8.00900+	1	4.07922+	1	8.02370+	1	4.12816+	1	57	3	1	1270
8.02490+	1	4.12636+	1	8.02858+	1	4.17598+	1	8.03234+	1	4.19615+	1	57	3	1	1271
8.03570+	1	4.18476+	1	8.03906+	1	4.14250+	1	8.04282+	1	4.05919+	1	57	3	1	1272
8.04670+	1	3.92864+	1	8.04770+	1	3.90563+	1	8.06240+	1	3.33313+	1	57	3	1	1273
8.07334+	1	2.92245+	1	8.07570+	1	2.89541+	1	8.08660+	1	2.65828+	1	57	3	1	1274
8.08754+	1	2.63165+	1	8.08937+	1	2.62301+	1	8.09121+	1	2.62510+	1	57	3	1	1275
8.09750+	1	2.79252+	1	8.10551+	1	2.98933+	1	8.10840+	1	3.15305+	1	57	3	1	1276
8.11652+	1	3.60907+	1	8.13132+	1	4.47592+	1	8.13380+	1	4.56311+	1	57	3	1	1277
8.13623+	1	4.66903+	1	8.14001+	1	4.76805+	1	8.14340+	1	4.80110+	1	57	3	1	1278
8.14679+	1	4.77948+	1	8.15057+	1	4.69194+	1	8.15190+	1	4.63629+	1	57	3	1	1279
8.15548+	1	4.49136+	1	8.16280+	1	3.99697+	1	8.17028+	1	3.56597+	1	57	3	1	1280
8.18100+	1	2.89106+	1	8.18129+	1	2.87001+	1	8.19559+	1	2.13353+	1	57	3	1	1281
8.20000+	1	1.98657+	1	8.20001+	1	1.88257+	1	8.20008+	1	4.80553+	1	57	3	1	1282
1.15690+	2	4.55206+	1	1.48550+	2	4.63130+	1	1.90740+	2	4.18661+	1	57	3	1	1283
2.45000+	2	4.49598+	1	3.00000+	2	3.26431+	1	3.50000+	2	3.03803+	1	57	3	1	1284
4.00000+	2	2.86896+	1	4.50000+	2	3.04942+	1	5.00000+	2	3.21780+	1	57	3	1	1285
5.60000+	2	3.27817+	1	6.20000+	2	2.79882+	1	7.50000+	2	2.83867+	1	57	3	1	1286
8.00000+	2	2.78519+	1	8.30000+	2	2.45957+	1	9.00000+	2	2.33205+	1	57	3	1	1287
1.00000+	3	2.33765+	1	1.10000+	3	2.49384+	1	1.50000+	3	2.24624+	1	57	3	1	1288
1.80000+	3	2.11063+	1	2.00000+	3	2.00578+	1	2.50000+	3	1.88659+	1	57	3	1	1289
3.00000+	3	1.82581+	1	3.50000+	3	1.80865+	1	3.80000+	3	1.79772+	1	57	3	1	1290
4.50000+	3	1.73392+	1	5.00000+	3	1.68803+	1	5.50000+	3	1.66759+	1	57	3	1	1291
6.00000+	3	1.64151+	1	6.50000+	3	1.59355+	1	7.00000+	3	1.57161+	1	57	3	1	1292
7.50000+	3	1.56923+	1	8.00000+	3	1.55010+	1	8.50000+	3	1.51394+	1	57	3	1	1293
9.00000+	3	1.51055+	1	9.50000+	3	1.57636+	1	1.00000+	4	1.53811+	1	57	3	1	1294
1.25000+	4	1.49527+	1	1.30000+	4	1.49756+	1	1.32000+	4	1.49849+	1	57	3	1	1295
1.42000+	4	1.50317+	1	1.48000+	4	1.50597+	1	1.50000+	4	1.50691+	1	57	3	1	1296
1.61000+	4	1.44780+	1	1.63000+	4	1.43706+	1	1.65000+	4	1.42631+	1	57	3	1	1297
1.85000+	4	1.46144+	1	2.05000+	4	1.37811+	1	2.20000+	4	1.44371+	1	57	3	1	1298
2.25000+	4	1.43076+	1	2.33000+	4	1.41004+	1	2.35000+	4	1.40486+	1	57	3	1	1299
2.37000+	4	1.40372+	1	2.43000+	4	1.40028+	1	2.46000+	4	1.39856+	1	57	3	1	1300
2.50000+	4	1.39627+	1	2.50000+	4	1.40998+	1	2.53000+	4	1.40824+	1	57	3	1	1301
2.57000+	4	1.40594+	1	2.62000+	4	1.40319+	1	2.65000+	4	1.40154+	1	57	3	1	1302
2.72000+	4	1.39771+	1	2.75000+	4	1.39607+	1	2.83000+	4	1.39192+	1	57	3	1	1303
2.88000+	4	1.38934+	1	2.93000+	4	1.38685+	1	2.98000+	4	1.38437+	1	57	3	1	1304
3.00000+	4	1.38344+	1	3.11000+	4	1.37725+	1	3.13000+	4	1.37620+	1	57	3	1	1305
3.18000+	4	1.37348+	1	3.21000+	4	1.37190+	1	3.25000+	4	1.36971+	1	57	3	1	1306
3.28000+	4	1.36821+	1	3.42000+	4	1.36109+	1	3.45000+	4	1.35959+	1	57	3	1	1307
3.50000+	4	1.35708+	1	3.62000+	4	1.35133+	1	3.65000+	4	1.34992+	1	57	3	1	1308
3.70000+	4	1.34768+	1	3.79000+	4	1.34361+	1	3.87000+	4	1.34005+	1	57	3	1	1309
3.91000+	4	1.33822+	1	3.94000+	4	1.33695+	1	4.00000+	4	1.33438+	1	57	3	1	1310
4.04000+	4	1.33245+	1	4.10000+	4	1.32965+	1	4.15000+	4	1.32733+	1	57	3	1	1311
4.20000+	4	1.32501+	1	4.30000+	4	1.32055+	1	4.36000+	4	1.31786+	1	57	3	1	1312
4.38000+	4	1.31703+	1	4.43000+	4	1.31480+	1	4.48000+	4	1.31269+	1	57	3	1	1313
4.50000+	4	1.31175+	1	4.52000+	4	1.31093+	1	4.54000+	4	1.31009+	1	57	3	1	1314
4.60000+	4	1.30760+	1	4.62000+	4	1.30676+	1	4.65000+	4	1.30547+	1	57	3	1	1315
4.68000+	4	1.30428+	1	4.73000+	4	1.30216+	1	4.76000+	4	1.30102+	1	57	3	1	1316
4.82000+	4	1.29859+	1	4.84000+	4	1.29778+	1	4.88000+	4	1.29616+	1	57	3	1	1317
4.90000+	4	1.29535+	1	5.00000+	4	1.29153+	1	5.02000+	4	1.29076+	1	57	3	1	1318
5.06000+	4	1.28938+	1	5.09000+	4	1.28837+	1	5.12000+	4	1.28735+	1	57	3	1	1319
5.15000+	4	1.28634+	1	5.22000+	4	1.28395+	1	5.25000+	4	1.28294+	1	57	3	1	1320
5.35000+	4	1.27967+	1	5.39000+	4	1.27833+	1	5.42000+	4	1.27737+	1	57	3	1	1321
5.46000+	4	1.27612+	1	5.50000+	4	1.27478+	1	5.53000+	4	1.27381+	1	57	3	1	1322
5.57000+	4	1.27254+	1	5.61000+	4	1.27138+	1	5.67000+	4	1.26948+	1	57	3	1	1323
5.71000+	4	1.26826+	1	5.76000+	4	1.26673+	1	5.79000+	4	1.26583+	1	57	3	1	1324
5.83000+	4	1.26462+	1	5.87000+	4	1.26339+	1	5.91000+	4	1.26224+	1	57	3	1	1325
5.92000+	4	1.26194+	1	5.98000+	4	1.26018+	1	6.00000+	4	1.25960+	1	57	3	1	1326
6.03000+	4	1.25874+	1	6.12000+	4	1.25619+	1	6.15000+	4	1.25534+	1	57	3	1	1327
6.20000+	4	1.25395+	1	6.25000+	4	1.25256+	1	6.29000+	4	1.25147+	1	57	3	1	1328
6.32000+	4	1.25064+	1	6.42000+	4	1.24794+	1	6.47000+	4	1.24660+	1	57	3	1	1329
6.50000+	4	1.24580+	1	6.51000+	4	1.24553+	1	6.61000+	4	1.24290+	1	57	3	1	1330

6.65000+	4	1.24186+	1	6.70000+	4	1.24057+	1	6.74000+	4	1.23954+	1	57	3	1 1331
6.80000+	4	1.23800+	1	6.83000+	4	1.23724+	1	6.89000+	4	1.23574+	1	57	3	1 1332
6.94000+	4	1.23449+	1	7.00000+	4	1.23300+	1	7.03000+	4	1.23221+	1	57	3	1 1333
7.09000+	4	1.23065+	1	7.20000+	4	1.22782+	1	7.25000+	4	1.22654+	1	57	3	1 1334
7.31000+	4	1.22502+	1	7.37000+	4	1.22352+	1	7.41000+	4	1.22253+	1	57	3	1 1335
7.48000+	4	1.22080+	1	7.50000+	4	1.22030+	1	7.53000+	4	1.21956+	1	57	3	1 1336
7.58000+	4	1.21834+	1	7.65000+	4	1.21665+	1	7.70000+	4	1.21545+	1	57	3	1 1337
7.76000+	4	1.21402+	1	7.84000+	4	1.21212+	1	7.89000+	4	1.21095+	1	57	3	1 1338
7.94000+	4	1.20979+	1	8.00000+	4	1.20840+	1	8.07000+	4	1.20709+	1	57	3	1 1339
8.20000+	4	1.20471+	1	8.27000+	4	1.20343+	1	8.33000+	4	1.20235+	1	57	3	1 1340
8.40000+	4	1.20110+	1	8.47000+	4	1.19984+	1	8.50000+	4	1.19930+	1	57	3	1 1341
8.53000+	4	1.19877+	1	8.61000+	4	1.19736+	1	8.68000+	4	1.19614+	1	57	3	1 1342
8.75000+	4	1.19494+	1	8.83000+	4	1.19357+	1	8.90000+	4	1.19239+	1	57	3	1 1343
9.00000+	4	1.19070+	1	9.03000+	4	1.19040+	1	9.12000+	4	1.18953+	1	57	3	1 1344
9.28000+	4	1.18798+	1	9.36000+	4	1.18722+	1	9.44000+	4	1.18646+	1	57	3	1 1345
9.50000+	4	1.18590+	1	9.52000+	4	1.18571+	1	9.60000+	4	1.18499+	1	57	3	1 1346
9.68000+	4	1.18426+	1	9.77000+	4	1.18344+	1	9.85000+	4	1.18273+	1	57	3	1 1347
9.93000+	4	1.18201+	1	9.99000+	4	1.18149+	1	1.00000+	5	1.18140+	1	57	3	1 1348
1.03000+	5	1.17531+	1	1.20000+	5	1.14370+	1	1.35000+	5	1.11941+	1	57	3	1 1349
1.40000+	5	1.11190+	1	1.50000+	5	1.09660+	1	1.60000+	5	1.08240+	1	57	3	1 1350
1.73000+	5	1.06400+	1	1.80000+	5	1.05471+	1	2.00000+	5	1.02990+	1	57	3	1 1351
2.07000+	5	1.01970+	1	2.15000+	5	1.00843+	1	2.20000+	5	1.00160+	1	57	3	1 1352
2.25000+	5	9.94928+	0	2.35000+	5	9.82023+	0	2.40000+	5	9.75772+	0	57	3	1 1353
2.50000+	5	9.63530+	0	2.60000+	5	9.51767+	0	2.70000+	5	9.40340+	0	57	3	1 1354
2.80000+	5	9.29328+	0	3.00000+	5	9.08431+	0	3.20000+	5	8.88889+	0	57	3	1 1355
3.25000+	5	8.84197+	0	3.40000+	5	8.70531+	0	3.50000+	5	8.62359+	0	57	3	1 1356
3.60000+	5	8.54429+	0	3.80000+	5	8.40381+	0	4.00000+	5	8.27053+	0	57	3	1 1357
4.20000+	5	8.14380+	0	4.40000+	5	8.02289+	0	4.50000+	5	7.96611+	0	57	3	1 1358
4.60000+	5	7.91053+	0	4.70000+	5	7.85779+	0	4.80000+	5	7.80610+	0	57	3	1 1359
5.00000+	5	7.70572+	0	5.20000+	5	7.60932+	0	5.40000+	5	7.51684+	0	57	3	1 1360
5.50000+	5	7.47170+	0	5.60000+	5	7.42740+	0	5.70000+	5	7.38392+	0	57	3	1 1361
5.80000+	5	7.34125+	0	6.00000+	5	7.25800+	0	6.20000+	5	7.21643+	0	57	3	1 1362
6.40000+	5	7.17604+	0	6.50000+	5	7.15642+	0	6.60000+	5	7.13711+	0	57	3	1 1363
6.70000+	5	7.11801+	0	6.80000+	5	7.09923+	0	7.00000+	5	7.06240+	0	57	3	1 1364
7.20000+	5	7.02675+	0	7.30000+	5	7.00920+	0	7.40000+	5	6.99194+	0	57	3	1 1365
7.50000+	5	6.97490+	0	7.60000+	5	6.95809+	0	7.70000+	5	6.94150+	0	57	3	1 1366
7.75000+	5	6.93334+	0	7.80000+	5	6.92510+	0	8.00000+	5	6.89301+	0	57	3	1 1367
8.20000+	5	6.85544+	0	8.40000+	5	6.81901+	0	8.50000+	5	6.80581+	0	57	3	1 1368
8.60000+	5	6.79288+	0	8.80000+	5	6.77675+	0	9.00000+	5	6.76102+	0	57	3	1 1369
9.20000+	5	6.73991+	0	9.40000+	5	6.71920+	0	9.50000+	5	6.70907+	0	57	3	1 1370
9.60000+	5	6.69901+	0	9.70000+	5	6.68915+	0	9.80000+	5	6.67934+	0	57	3	1 1371
1.00000+	6	6.66004+	0	1.05000+	6	6.67160+	0	1.10000+	6	6.68252+	0	57	3	1 1372
1.15000+	6	6.69303+	0	1.20000+	6	6.70295+	0	1.25000+	6	6.71252+	0	57	3	1 1373
1.29500+	6	6.72080+	0	1.30000+	6	6.72174+	0	1.35000+	6	6.73059+	0	57	3	1 1374
1.40000+	6	6.73926+	0	1.45000+	6	6.74744+	0	1.49500+	6	6.75457+	0	57	3	1 1375
1.50000+	6	6.75544+	0	1.60000+	6	6.81743+	0	1.70000+	6	6.87572+	0	57	3	1 1376
1.80000+	6	6.93073+	0	1.90000+	6	6.98272+	0	2.00000+	6	7.03197+	0	57	3	1 1377
2.10000+	6	7.10781+	0	2.20000+	6	7.18006+	0	2.30000+	6	7.24899+	0	57	3	1 1378
2.40000+	6	7.31512+	0	2.50000+	6	7.47724+	0	2.60000+	6	7.52623+	0	57	3	1 1379
2.70000+	6	7.59318+	0	2.80000+	6	7.67019+	0	2.90000+	6	7.74911+	0	57	3	1 1380
3.00000+	6	7.82189+	0	3.10000+	6	7.88038+	0	3.20000+	6	7.91880+	0	57	3	1 1381
3.30000+	6	7.93896+	0	3.40000+	6	7.94524+	0	3.50000+	6	7.94146+	0	57	3	1 1382
3.60000+	6	7.93219+	0	3.70000+	6	7.92124+	0	3.80000+	6	7.91171+	0	57	3	1 1383
3.90000+	6	7.90330+	0	4.00000+	6	7.89491+	0	4.10000+	6	7.88499+	0	57	3	1 1384
4.20000+	6	7.87259+	0	4.30000+	6	7.85651+	0	4.40000+	6	7.83564+	0	57	3	1 1385
4.50000+	6	7.81028+	0	4.60000+	6	7.78064+	0	4.70000+	6	7.74723+	0	57	3	1 1386
4.80000+	6	7.71033+	0	4.90000+	6	7.67043+	0	5.00000+	6	7.62776+	0	57	3	1 1387
5.10000+	6	7.58272+	0	5.20000+	6	7.53580+	0	5.25000+	6	7.51180+	0	57	3	1 1388
5.30000+	6	7.48738+	0	5.40000+	6	7.43768+	0	5.50000+	6	7.38718+	0	57	3	1 1389
5.60000+	6	7.33618+	0	5.70000+	6	7.28488+	0	5.80000+	6	7.23328+	0	57	3	1 1390
5.90000+	6	7.18159+	0	6.00000+	6	7.12981+	0	6.10000+	6	7.07808+	0	57	3	1 1391
6.20000+	6	7.02646+	0	6.30000+	6	6.97504+	0	6.40000+	6	6.92392+	0	57	3	1 1392
6.50000+	6	6.87321+	0	6.60000+	6	6.82308+	0	6.70000+	6	6.77346+	0	57	3	1 1393
6.80000+	6	6.72455+	0	6.90000+	6	6.67644+	0	7.00000+	6	6.62923+	0	57	3	1 1394
7.10000+	6	6.58291+	0	7.20000+	6	6.53769+	0	7.30000+	6	6.49358+	0	57	3	1 1395
7.40000+	6	6.45067+	0	7.50000+	6	6.40906+	0	7.60000+	6	6.36866+	0	57	3	1 1396
7.65000+	6	6.34901+	0	7.70000+	6	6.32976+	0	7.80000+	6	6.29227+	0	57	3	1 1397
7.90000+	6	6.25638+	0	8.00000+	6	6.22200+	0	8.20000+	6	6.15855+	0	57	3	1 1398
8.40000+	6	6.10241+	0	8.50000+	6	6.07719+	0	8.60000+	6	6.05408+	0	57	3	1 1399

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8.80000+ 6 6.01320+ 0 9.00000+ 6 5.97854+ 0 9.20000+ 6 5.94869+ 0  57 3  1 1400
9.40000+ 6 5.92234+ 0 9.50000+ 6 5.91007+ 0 9.60000+ 6 5.89820+ 0  57 3  1 1401
9.80000+ 6 5.87486+ 0 1.00000+ 7 5.85102+ 0 1.05000+ 7 5.78725+ 0  57 3  1 1402
1.10000+ 7 5.73050+ 0 1.15000+ 7 5.69949+ 0 1.19000+ 7 5.70216+ 0  57 3  1 1403
1.20000+ 7 5.70699+ 0 1.25000+ 7 5.73559+ 0 1.30000+ 7 5.76699+ 0  57 3  1 1404
1.35000+ 7 5.78489+ 0 1.40000+ 7 5.79622+ 0 1.45000+ 7 5.81502+ 0  57 3  1 1405
1.50000+ 7 5.85482+ 0 0.00000+ 0 0.00000+ 0 0.00000+ 0 0.00000+ 0  57 3  1 1406
                                                                   57 3  0 1407
9.22350+ 4 2.33025+ 2          0          0          0          0  57 3  1 1408
0.         0.                  0          0          1          4  57 3  1 1409
         4          2          0          0          0          0  57 3  1 1410
1.0000E+03 1.0000E+01          0          0          1         56  57 3  1 1411
        56          2          0          0          0          0  57 3  1 1412
8.20008+ 1 4.95499+ 1 1.15690+ 2 4.72207+ 1 1.48550+ 2 5.09331+ 1  57 3  1 1413
1.90740+ 2 4.90431+ 1 2.45000+ 2 7.05456+ 1 3.00000+ 2 3.85160+ 1  57 3  1 1414
3.50000+ 2 3.53827+ 1 4.00000+ 2 3.32085+ 1 4.50000+ 2 3.81340+ 1  57 3  1 1415
5.00000+ 2 4.41690+ 1 5.60000+ 2 4.66589+ 1 6.20000+ 2 3.45306+ 1  57 3  1 1416
7.50000+ 2 3.59956+ 1 8.00000+ 2 3.50239+ 1 8.30000+ 2 2.85706+ 1  57 3  1 1417
9.00000+ 2 2.65645+ 1 1.00000+ 3 2.69832+ 1 1.10000+ 3 3.03369+ 1  57 3  1 1418
1.50000+ 3 2.65987+ 1 1.80000+ 3 2.44258+ 1 2.00000+ 3 2.27262+ 1  57 3  1 1419
2.50000+ 3 2.09603+ 1 3.00000+ 3 2.01001+ 1 3.50000+ 3 1.99156+ 1  57 3  1 1420
3.80000+ 3 1.97833+ 1 4.50000+ 3 1.88387+ 1 5.00000+ 3 1.81633+ 1  57 3  1 1421
5.50000+ 3 1.78796+ 1 6.00000+ 3 1.75091+ 1 6.50000+ 3 1.68230+ 1  57 3  1 1422
7.00000+ 3 1.65215+ 1 7.50000+ 3 1.64971+ 1 8.00000+ 3 1.62358+ 1  57 3  1 1423
8.50000+ 3 1.57436+ 1 9.00000+ 3 1.57021+ 1 9.50000+ 3 1.66292+ 1  57 3  1 1424
1.00000+ 4 1.60905+ 1 1.25000+ 4 1.55186+ 1 1.30000+ 4 1.55527+ 1  57 3  1 1425
1.32000+ 4 1.55666+ 1 1.42000+ 4 1.56359+ 1 1.48000+ 4 1.56774+ 1  57 3  1 1426
1.50000+ 4 1.56913+ 1 1.61000+ 4 1.49097- 1 1.63000+ 4 1.47677+ 1  57 3  1 1427
1.65000+ 4 1.46256+ 1 1.85000+ 4 1.50895+ 1 2.05000+ 4 1.40322+ 1  57 3  1 1428
2.20000+ 4 1.48673+ 1 2.25000+ 4 1.47007+ 1 2.33000+ 4 1.44340+ 1  57 3  1 1429
2.35000+ 4 1.43673+ 1 2.37000+ 4 1.43538+ 1 2.43000+ 4 1.43129+ 1  57 3  1 1430
2.46000+ 4 1.42924+ 1 2.50000+ 4 1.42652+ 1 0.00000+ 0 0.00000+ 0  57 3  1 1431
1.0000E+03 1.0000E+02          0          0          1         56  57 3  1 1432
        56          2          0          0          0          0  57 3  1 1433
8.20008+ 1 4.34300+ 1 1.15690+ 2 4.19204+ 1 1.48550+ 2 4.30778+ 1  57 3  1 1434
1.90740+ 2 3.99604+ 1 2.45000+ 2 4.37627+ 1 3.00000+ 2 3.21860+ 1  57 3  1 1435
3.50000+ 2 3.01158+ 1 4.00000+ 2 2.85515+ 1 4.50000+ 2 3.04702+ 1  57 3  1 1436
5.00000+ 2 3.23048+ 1 5.60000+ 2 3.29834+ 1 6.20000+ 2 2.81145+ 1  57 3  1 1437
7.50000+ 2 2.85837- 1 8.00000+ 2 2.80574+ 1 8.30000+ 2 2.47306+ 1  57 3  1 1438
9.00000+ 2 2.34496- 1 1.00000+ 3 2.35365+ 1 1.10000+ 3 2.51785+ 1  57 3  1 1439
1.50000- 3 2.26976+ 1 1.80000+ 3 2.13141+ 1 2.00000+ 3 2.02354+ 1  57 3  1 1440
2.50000+ 3 1.90157+ 1 3.00000+ 3 1.83946+ 1 3.50000+ 3 1.82235+ 1  57 3  1 1441
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5.50000+ 3 1.67724+ 1 6.00000+ 3 1.65038+ 1 6.50000+ 3 1.60090+ 1  57 3  1 1443
7.00000+ 3 1.57835+ 1 7.50000+ 3 1.57597+ 1 8.00000+ 3 1.55631+ 1  57 3  1 1444
8.50000+ 3 1.51913+ 1 9.00000+ 3 1.51568+ 1 9.50000+ 3 1.58358+ 1  57 3  1 1445
1.00000+ 4 1.54413+ 1 1.25000+ 4 1.50017+ 1 1.30000+ 4 1.50255+ 1  57 3  1 1446
1.32000+ 4 1.50351+ 1 1.42000+ 4 1.50837+ 1 1.48000+ 4 1.51128+ 1  57 3  1 1447
1.50000+ 4 1.51225+ 1 1.61000+ 4 1.45160+ 1 1.63000+ 4 1.44058+ 1  57 3  1 1448
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2.20000+ 4 1.44752+ 1 2.25000+ 4 1.43425+ 1 2.33000+ 4 1.41302+ 1  57 3  1 1450
2.35000+ 4 1.40771+ 1 2.37000+ 4 1.40657+ 1 2.43000+ 4 1.40311+ 1  57 3  1 1451
2.46000+ 4 1.40138+ 1 2.50000+ 4 1.39908+ 1 0.00000+ 0 0.00000+ 0  57 3  1 1452
1.0000E+03 1.0000E+03          0          0          1         56  57 3  1 1453
        56          2          0          0          0          0  57 3  1 1454
8.20008+ 1 4.72299+ 1 1.15690+ 2 4.49107+ 1 1.48550+ 2 4.57669+ 1  57 3  1 1455
1.90740+ 2 4.15523+ 1 2.45000+ 2 4.47216+ 1 3.00000+ 2 3.25670+ 1  57 3  1 1456
3.50000+ 2 3.03343+ 1 4.00000+ 2 2.86623+ 1 4.50000+ 2 3.04760+ 1  57 3  1 1457
5.00000+ 2 3.21727+ 1 5.60000+ 2 3.27836+ 1 6.20000+ 2 2.79924+ 1  57 3  1 1458
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9.00000+ 2 2.33307+ 1 1.00000+ 3 2.33899+ 1 1.10000+ 3 2.49588+ 1  57 3  1 1460
1.50000+ 3 2.24840+ 1 1.80000+ 3 2.11258+ 1 2.00000+ 3 2.00746+ 1  57 3  1 1461
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5.50000+ 3 1.66853+ 1 6.00000+ 3 1.64238+ 1 6.50000+ 3 1.59426+ 1  57 3  1 1464
7.00000+ 3 1.57227+ 1 7.50000+ 3 1.56989+ 1 8.00000+ 3 1.55071+ 1  57 3  1 1465
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1.32000+ 4 1.49898+ 1 1.42000+ 4 1.50368+ 1 1.48000+ 4 1.50649+ 1  57 3  1 1468
1.50000+ 4 1.50743+ 1 1.61000+ 4 1.44817+ 1 1.63000+ 4 1.43741+ 1  57 3  1 1469
1.65000+ 4 1.42663+ 1 1.85000+ 4 1.46184+ 1 2.05000+ 4 1.37834+ 1  57 3  1 1470
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2.35000+ 4 1.40513+ 1 2.37000+ 4 1.40400+ 1 2.43000+ 4 1.40060+ 1   57 3   1 1472
2.46000+ 4 1.39890+ 1 2.50000+ 4 1.39663+ 1 .00000+ 0 0.00000+ 0   57 3   1 1473
1.0000E+03 1.0000E+04            0            0            1           56   57 3   1 1474
        56           2            0            0            0            0   57 3   1 1475
8.20008+ 1 4.79699+ 1 1.15690+ 2 4.54607+ 1 1.48550+ 2 4.62595+ 1   57 3   1 1476
1.90740+ 2 4.18357+ 1 2.45000+ 2 4.49364+ 1 3.00000+ 2 3.26358+ 1   57 3   1 1477
3.50000+ 2 3.03759+ 1 4.00000+ 2 2.86870+ 1 4.50000+ 2 3.04923+ 1   57 3   1 1478
5.00000+ 2 3.21772+ 1 5.60000+ 2 3.27816+ 1 6.20000+ 2 2.79886+ 1   57 3   1 1479
7.50000+ 2 2.83876+ 1 8.00000+ 2 2.78530+ 1 8.30000+ 2 2.45966+ 1   57 3   1 1480
9.00000+ 2 2.33214+ 1 1.00000+ 3 2.33777+ 1 1.10000+ 3 2.49402+ 1   57 3   1 1481
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3.80000+ 3 1.79783+ 1 4.50000+ 3 1.73402+ 1 5.00000+ 3 1.68812+ 1   57 3   1 1484
5.50000+ 3 1.66768+ 1 6.00000+ 3 1.64159+ 1 6.50000+ 3 1.59361+ 1   57 3   1 1485
7.00000+ 3 1.57167+ 1 7.50000+ 3 1.56929+ 1 8.00000+ 3 1.55016+ 1   57 3   1 1486
8.50000+ 3 1.51398+ 1 9.00000+ 3 1.51059+ 1 9.50000+ 3 1.57643+ 1   57 3   1 1487
1.00000+ 4 1.53816+ 1 1.25000+ 4 1.49531+ 1 1.30000+ 4 1.49760+ 1   57 3   1 1488
1.32000+ 4 1.49853+ 1 1.42000+ 4 1.50321+ 1 1.48000+ 4 1.50601+ 1   57 3   1 1489
1.50000+ 4 1.50695+ 1 1.61000+ 4 1.44783+ 1 1.63000+ 4 1.43709+ 1   57 3   1 1490
1.65000+ 4 1.42634+ 1 1.85000+ 4 1.46147+ 1 2.05000+ 4 1.37813+ 1   57 3   1 1491
2.20000+ 4 1.44374+ 1 2.25000+ 4 1.43078+ 1 2.33000+ 4 1.41005+ 1   57 3   1 1492
2.35000+ 4 1.40486+ 1 2.37000+ 4 1.40373+ 1 2.43000+ 4 1.40033+ 1   57 3   1 1493
2.46000+ 4 1.39863+ 1 2.50000+ 4 1.39636+ 1 9.00000+ 0 0.00000+ 0   57 3   1 1494
0.         0.            0            0            0            0   57 3   0 1495
9.22350+ 4 2.33025+ 2            0           99            0            0   57 3   2 1496
1.00000+ 3 0.00000+ 0            0            0            1         2455   57 3   2 1497
      2455           2                                                      57 3   2 1498
1.00000- 5 1.59100+ 1 1.22756- 5 1.59100+ 1 1.49675- 5 1.59100+ 1   57 3   2 1499
1.81356- 5 1.59100+ 1 2.18424- 5 1.59100+ 1 2.18441- 5 1.59100+ 1   57 3   2 1500
2.61714- 5 1.59100+ 1 2.61737- 5 1.59100+ 1 3.11933- 5 1.59100+ 1   57 3   2 1501
3.11963- 5 1.59100+ 1 3.69954- 5 1.59100+ 1 3.69993- 5 1.59100+ 1   57 3   2 1502
4.36707- 5 1.59100+ 1 4.36756- 5 1.59100+ 1 5.02663- 5 1.59100+ 1   57 3   2 1503
6.02735- 5 1.59100+ 1 8.18209- 5 1.59100+ 1 8.18309- 5 1.59100+ 1   57 3   2 1504
1.09487- 4 1.59100+ 1 1.09500- 4 1.59100+ 1 1.44552- 4 1.59100+ 1   57 3   2 1505
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3.21045- 4 1.59100+ 1 4.09801- 4 1.59100+ 1 4.09831- 4 1.59100+ 1   57 3   2 1508
5.18710- 4 1.59098+ 1 6.50757- 4 1.59085+ 1 8.09793- 4 1.59069+ 1   57 3   2 1509
1.00000- 3 1.59050+ 1 1.25307- 3 1.59037+ 1 1.25318- 3 1.59037+ 1   57 3   2 1510
1.55762- 3 1.59022+ 1 1.55785- 3 1.59022+ 1 1.92188- 3 1.59004+ 1   57 3   2 1511
1.92222- 3 1.59004+ 1 2.35480- 3 1.58979+ 1 2.35523- 3 1.58979+ 1   57 3   2 1512
2.86786- 3 1.58948+ 1 2.86832- 3 1.58948+ 1 3.47122- 3 1.58916+ 1   57 3   2 1513
3.47165- 3 1.58916+ 1 4.17744- 3 1.58881+ 1 5.00000- 3 1.58840+ 1   57 3   2 1514
5.98917- 3 1.58781+ 1 5.98990- 3 1.58781+ 1 7.13821- 3 1.58723+ 1   57 3   2 1515
7.13933- 3 1.58723+ 1 8.00000- 3 1.58680+ 1 8.46777- 3 1.58652+ 1   57 3   2 1516
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1.22869- 2 1.58446+ 1 1.50000- 2 1.58310+ 1 1.60000- 2 1.58250+ 1   57 3   2 1519
1.90000- 2 1.58100+ 1 2.00000- 2 1.58040+ 1 2.30000- 2 1.57890+ 1   57 3   2 1520
2.40000- 2 1.57830+ 1 2.53000- 2 1.57780+ 1 2.60000- 2 1.57730+ 1   57 3   2 1521
2.80000- 2 1.57630+ 1 2.90000- 2 1.57570+ 1 3.00000- 2 1.57520+ 1   57 3   2 1522
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5.00000- 2 1.56500+ 1 5.50000- 2 1.56250+ 1 5.60000- 2 1.56200+ 1   57 3   2 1525
5.70000- 2 1.56140+ 1 6.00000- 2 1.55990+ 1 6.50000- 2 1.55740+ 1   57 3   2 1526
6.80000- 2 1.55590+ 1 6.90000- 2 1.55550+ 1 7.00000- 2 1.55500+ 1   57 3   2 1527
7.50000- 2 1.55250+ 1 8.00000- 2 1.55000+ 1 8.40000- 2 1.54800+ 1   57 3   2 1528
8.50000- 2 1.54760+ 1 9.00000- 2 1.54510+ 1 9.20000- 2 1.54410+ 1   57 3   2 1529
9.30000- 2 1.54370+ 1 9.50000- 2 1.54270+ 1 9.90000- 2 1.54070+ 1   57 3   2 1530
1.00000- 1 1.54030+ 1 1.10000- 1 1.53552+ 1 1.20000- 1 1.53675+ 1   57 3   2 1531
1.30000- 1 1.52597+ 1 1.40000- 1 1.52120+ 1 1.50000- 1 1.51660+ 1   57 3   2 1532
1.60000- 1 1.51200+ 1 1.70000- 1 1.50740+ 1 1.80000- 1 1.50280+ 1   57 3   2 1533
2.03340- 1 1.49250+ 1 2.23340- 1 1.48460+ 1 2.43340- 1 1.47840+ 1   57 3   2 1534
2.63340- 1 1.47510+ 1 2.83340- 1 1.47520+ 1 3.03340- 1 1.47640+ 1   57 3   2 1535
3.23340- 1 1.47540+ 1 3.43340- 1 1.47130+ 1 3.63340- 1 1.46500+ 1   57 3   2 1536
3.83340- 1 1.45790+ 1 4.03340- 1 1.45060+ 1 4.28120- 1 1.44170+ 1   57 3   2 1537
4.64920- 1 1.42910+ 1 5.04920- 1 1.41630+ 1 5.44920- 1 1.40420+ 1   57 3   2 1538
5.84920- 1 1.39280+ 1 6.24920- 1 1.38190+ 1 6.64920- 1 1.37150+ 1   57 3   2 1539
7.04920- 1 1.36140+ 1 7.44920- 1 1.35150+ 1 7.84920- 1 1.34190+ 1   57 3   2 1540
8.24920- 1 1.33230+ 1 8.64920- 1 1.32280+ 1 9.04920- 1 1.31310+ 1   57 3   2 1541
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9.44920-	1	1.30310+	1	9.84920-	1	1.29260+	1	4.00000+	0	1.28852+	1	57	3	2	1542
1.00000+	0	1.22171+	1	1.02319+	0	1.21893+	1	1.05500+	0	1.21881+	1	57	3	2	1543
1.07300+	0	1.21766+	1	1.08750+	0	1.21653+	1	1.09100+	0	1.21715+	1	57	3	2	1544
1.10886+	0	1.22108+	1	1.12528+	0	1.22676+	1	1.14000+	0	1.23272+	1	57	3	2	1545
1.15472+	0	1.23866+	1	1.17114+	0	1.24430+	1	1.18200+	0	1.24666+	1	57	3	2	1546
1.19250+	0	1.24787+	1	1.20000+	0	1.24691+	1	1.21800+	0	1.24117+	1	57	3	2	1547
1.23600+	0	1.23699+	1	1.25681+	0	1.23272+	1	1.30466+	0	1.21799+	1	57	3	2	1548
1.32700+	0	1.21143+	1	1.36400+	0	1.20425+	1	1.36678+	0	1.20370+	1	57	3	2	1549
1.45375+	0	1.18899+	1	1.45500+	0	1.18881+	1	1.54500+	0	1.17798+	1	57	3	2	1550
1.58302+	0	1.17309+	1	1.63600+	0	1.16710+	1	1.72700+	0	1.15735+	1	57	3	2	1551
1.78694+	0	1.15084+	1	1.79626+	0	1.14981+	1	1.79966+	0	1.14943+	1	57	3	2	1552
1.81800+	0	1.14719+	1	1.87384+	0	1.14086+	1	1.90900+	0	1.13550+	1	57	3	2	1553
1.92086+	0	1.13460+	1	1.95250+	0	1.13158+	1	1.97510+	0	1.13094+	1	57	3	2	1554
1.99251+	0	1.13304+	1	2.00000+	0	1.13548+	1	2.01590+	0	1.13821+	1	57	3	2	1555
2.02367+	0	1.14058+	1	2.02965+	0	1.14261+	1	2.03500+	0	1.14450+	1	57	3	2	1556
2.04035+	0	1.14637+	1	2.04633+	0	1.14837+	1	2.05410+	0	1.15068+	1	57	3	2	1557
2.07749+	0	1.15437+	1	2.09490+	0	1.15353+	1	2.11750+	0	1.14921+	1	57	3	2	1558
2.14914+	0	1.14133+	1	2.18200+	0	1.13410+	1	2.19616+	0	1.13190+	1	57	3	2	1559
2.21165+	0	1.12999+	1	2.27373+	0	1.12355+	1	2.36400+	0	1.11634+	1	57	3	2	1560
2.45500+	0	1.11005+	1	2.46231+	0	1.10959+	1	2.54500+	0	1.10500+	1	57	3	2	1561
2.58917+	0	1.10248+	1	2.63600+	0	1.09938+	1	2.67979+	0	1.09681+	1	57	3	2	1562
2.69100+	0	1.09619+	1	2.74500+	0	1.09539+	1	2.74961+	0	1.09522+	1	57	3	2	1563
2.80000+	0	1.09354+	1	2.81800+	0	1.09265+	1	2.84342+	0	1.09192+	1	57	3	2	1564
2.85500+	0	1.09173+	1	2.87457+	0	1.08918+	1	2.89853+	0	1.08617+	1	57	3	2	1565
2.92000+	0	1.08345+	1	2.92700+	0	1.08251+	1	2.94147+	0	1.07718+	1	57	3	2	1566
2.94500+	0	1.07583+	1	2.96543+	0	1.07013+	1	2.99658+	0	1.06106+	1	57	3	2	1567
3.01800+	0	1.05533+	1	3.05888+	0	1.06507+	1	3.07200+	0	1.07000+	1	57	3	2	1568
3.09840+	0	1.07380+	1	3.11817+	0	1.07899+	1	3.13338+	0	1.08379+	1	57	3	2	1569
3.14700+	0	1.08839+	1	3.16062+	0	1.09294+	1	3.17583+	0	1.09760+	1	57	3	2	1570
3.18200+	0	1.09912+	1	3.19560+	0	1.09601+	1	3.21800+	0	1.08712+	1	57	3	2	1571
3.25512+	0	1.07845+	1	3.27300+	0	1.07167+	1	3.29942+	0	1.06676+	1	57	3	2	1572
3.35692+	0	1.05369+	1	3.36400+	0	1.05179+	1	3.43495+	0	1.03893+	1	57	3	2	1573
3.45500+	0	1.03469+	1	3.48212+	0	1.03135+	1	3.49100+	0	1.03122+	1	57	3	2	1574
3.51687+	0	1.03430+	1	3.54365+	0	1.04478+	1	3.54500+	0	1.04588+	1	57	3	2	1575
3.57963+	0	1.07379+	1	3.58200+	0	1.07638+	1	3.59158+	0	1.08322+	1	57	3	2	1576
3.60077+	0	1.09043+	1	3.60900+	0	1.09708+	1	3.61723+	0	1.10366+	1	57	3	2	1577
3.62642+	0	1.11061+	1	3.63600+	0	1.11697+	1	3.63837+	0	1.11772+	1	57	3	2	1578
3.67435+	0	1.11772+	1	3.69100+	0	1.11068+	1	3.70113+	0	1.10918+	1	57	3	2	1579
3.72700+	0	1.09885+	1	3.73588+	0	1.09662+	1	3.78454+	0	1.08151+	1	57	3	2	1580
3.81800+	0	1.07349+	1	3.85686+	0	1.06581+	1	3.90900+	0	1.05955+	1	57	3	2	1581
3.97095+	0	1.05247+	1	4.00000+	0	1.05031+	1	4.09100+	0	1.04367+	1	57	3	2	1582
4.16256+	0	1.03852+	1	4.18200+	0	1.03730+	1	4.22739+	0	1.03425+	1	57	3	2	1583
4.29246+	0	1.02990+	1	4.36400+	0	1.02428+	1	4.48475+	0	1.01533+	1	57	3	2	1584
4.54500+	0	1.00795+	1	4.59925+	0	1.00210+	1	4.63600+	0	9.94056+	0	57	3	2	1585
4.67184+	0	9.87815+	0	4.72066+	0	9.75473+	0	4.72700+	0	9.74984+	0	57	3	2	1586
4.75554+	0	9.76301+	0	4.78200+	0	9.88773+	0	4.78242+	0	9.89027+	0	57	3	2	1587
4.80000+	0	1.01039+	1	4.81852+	0	1.02837+	1	4.83051+	0	1.04447+	1	57	3	2	1588
4.83600+	0	1.05224+	1	4.83974+	0	1.05447+	1	4.84800+	0	1.05948+	1	57	3	2	1589
4.85500+	0	1.06342+	1	4.85626+	0	1.06423+	1	4.86549+	0	1.06939+	1	57	3	2	1590
4.87748+	0	1.07425+	1	4.89100+	0	1.07312+	1	4.90900+	0	1.08138+	1	57	3	2	1591
4.91358+	0	1.08432+	1	4.94046+	0	1.08466+	1	4.94500+	0	1.08318+	1	57	3	2	1592
4.97534+	0	1.07291+	1	4.98100+	0	1.07072+	1	5.02416+	0	1.05452+	1	57	3	2	1593
5.09100+	0	1.04000+	1	5.09675+	0	1.03856+	1	5.13866+	0	1.03245+	1	57	3	2	1594
5.14500+	0	1.03172+	1	5.18200+	0	1.02822+	1	5.18327+	0	1.02808+	1	57	3	2	1595
5.26052+	0	1.02189+	1	5.27300+	0	1.02100+	1	5.30900+	0	1.01967+	1	57	3	2	1596
5.31248+	0	1.01923+	1	5.34960+	0	1.01535+	1	5.37820+	0	1.01287+	1	57	3	2	1597
5.41663+	0	1.01039+	1	5.42939+	0	1.00975+	1	5.43921+	0	1.00930+	1	57	3	2	1598
5.44800+	0	1.00892+	1	5.45679+	0	1.00855+	1	5.46661+	0	1.00813+	1	57	3	2	1599
5.46744+	0	1.00809+	1	5.53736+	0	1.00416+	1	5.54500+	0	1.00351+	1	57	3	2	1600
5.60000+	0	9.97267+	0	5.65500+	0	9.90181+	0	5.66264+	0	9.88534+	0	57	3	2	1601
5.72700+	0	9.73601+	0	5.73256+	0	9.72194+	0	5.81800+	0	9.47837+	0	57	3	2	1602
5.82346+	0	9.46774+	0	5.90900+	0	9.21276+	0	5.00000+	0	9.08612+	0	57	3	2	1603
6.04863+	0	9.13179+	0	6.09100+	0	9.12965+	0	6.12963+	0	9.17951+	0	57	3	2	1604
6.16232+	0	9.21550+	0	6.16400+	0	9.21725+	0	6.18747+	0	9.13009+	0	57	3	2	1605
6.21000+	0	9.06118+	0	6.21800+	0	9.05334+	0	6.23253+	0	8.97880+	0	57	3	2	1606
6.25500+	0	8.97228+	0	6.25768+	0	8.97107+	0	6.29037+	0	9.29819+	0	57	3	2	1607
6.29100+	0	9.31538+	0	6.33106+	0	1.03723+	1	6.34818+	0	1.10138+	1	57	3	2	1608
6.36194+	0	1.15571+	1	6.37252+	0	1.19653+	1	6.38200+	0	1.23070+	1	57	3	2	1609
6.39148+	0	1.26133+	1	6.40206+	0	1.28999+	1	6.41582+	0	1.31678+	1	57	3	2	1610
6.41800+	0	1.31692+	1	6.45500+	0	1.32383+	1	6.45725+	0	1.32572+	1	57	3	2	1611

6.48808+	0	1.29171+	1	6.49100+	0	1.28650+	1	6.52810+	0	1.21526+	1	57	3	2 1612
6.54500+	0	1.18860+	1	6.58412+	0	1.12476+	1	6.63600+	0	1.08044+	1	57	3	2 1613
6.66741+	0	1.05355+	1	6.72052+	0	1.02688+	1	6.72700+	0	1.02425+	1	57	3	2 1614
6.77646+	0	1.00414+	1	6.81800+	0	9.87091+	0	6.86416+	0	9.73343+	0	57	3	2 1615
6.92315+	0	9.55709+	0	6.96529+	0	9.52191+	0	6.98200+	0	9.59128+	0	57	3	2 1616
6.99776+	0	9.60707+	0	7.04138+	0	9.92141+	0	7.05587+	0	1.00794+	1	57	3	2 1617
7.06702+	0	1.02089+	1	7.07700+	0	1.03257+	1	7.08698+	0	1.04388+	1	57	3	2 1618
7.09813+	0	1.05558+	1	7.11262+	0	1.06855+	1	7.15624+	0	1.08624+	1	57	3	2 1619
7.18200+	0	1.08018+	1	7.18871+	0	1.07965+	1	7.23085+	0	1.06094+	1	57	3	2 1620
7.28984+	0	1.03016+	1	7.29100+	0	1.02974+	1	7.37754+	0	1.00094+	1	57	3	2 1621
7.51588+	0	9.75024+	0	7.74821+	0	9.43786+	0	7.81800+	0	9.34386+	0	57	3	2 1622
7.84976+	0	9.30634+	0	7.97215+	0	9.14037+	0	8.00000+	0	9.07987+	0	57	3	2 1623
8.18100+	0	8.73402+	0	8.25212+	0	8.62684+	0	8.36300+	0	8.24026+	0	57	3	2 1624
8.41882+	0	8.09940+	0	8.45300+	0	7.95481+	0	8.52451+	0	7.44253+	0	57	3	2 1625
8.59560+	0	7.39624+	0	8.64639+	0	8.40974+	0	8.68551+	0	1.02205+	1	57	3	2 1626
8.73808+	0	1.39191+	1	8.75554+	0	1.52632+	1	8.76897+	0	1.62525+	1	57	3	2 1627
8.78100+	0	1.70726+	1	8.79303+	0	1.78049+	1	8.80646+	0	1.84941+	1	57	3	2 1628
8.82392+	0	1.91567+	1	8.87649+	0	1.94895+	1	8.91561+	0	1.84951+	1	57	3	2 1629
8.92500+	0	1.81511+	1	8.96640+	0	1.63025+	1	9.01500+	0	1.43577+	1	57	3	2 1630
9.03749+	0	1.36429+	1	9.03990+	0	1.35808+	1	9.04219+	0	1.35226+	1	57	3	2 1631
9.05200+	0	1.33231+	1	9.10600+	0	1.23118+	1	9.10977+	0	1.22443+	1	57	3	2 1632
9.15804+	0	1.17628+	1	9.17900+	0	1.16732+	1	9.19523+	0	1.15573+	1	57	3	2 1633
9.23300+	0	1.15026+	1	9.24520+	0	1.15385+	1	9.26180+	0	1.16432+	1	57	3	2 1634
9.27456+	0	1.17348+	1	9.28600+	0	1.18214+	1	9.29744+	0	1.19089+	1	57	3	2 1635
9.30600+	0	1.19728+	1	9.31020+	0	1.20085+	1	9.32680+	0	1.21397+	1	57	3	2 1636
9.36000+	0	1.23225+	1	9.37677+	0	1.22580+	1	9.41396+	0	1.19829+	1	57	3	2 1637
9.42072+	0	1.19228+	1	9.43200+	0	1.18165+	1	9.43624+	0	1.17925+	1	57	3	2 1638
9.45100+	0	1.16961+	1	9.50500+	0	1.13889+	1	9.52162+	0	1.13108+	1	57	3	2 1639
9.54100+	0	1.12472+	1	9.63634+	0	1.09460+	1	9.67444+	0	1.08879+	1	57	3	2 1640
9.70374+	0	1.08583+	1	9.70400+	0	1.08581+	1	9.73000+	0	1.08345+	1	57	3	2 1641
9.75626+	0	1.08141+	1	9.75900+	0	1.08116+	1	9.78556+	0	1.07569+	1	57	3	2 1642
9.82366+	0	1.06782+	1	9.93838+	0	1.03706+	1	9.99500+	0	1.02044+	1	57	3	2 1643
1.00238+	1	1.01785+	1	1.00390+	1	1.01737+	1	1.00460+	1	1.01734+	1	57	3	2 1644
1.00850+	1	1.01979+	1	1.00850+	1	1.01980+	1	1.01373+	1	1.02542+	1	57	3	2 1645
1.01547+	1	1.02921+	1	1.01680+	1	1.03247+	1	1.01760+	1	1.03449+	1	57	3	2 1646
1.01800+	1	1.03439+	1	1.01920+	1	1.03409+	1	1.02053+	1	1.03361+	1	57	3	2 1647
1.02227+	1	1.03254+	1	1.02519+	1	1.02897+	1	1.02670+	1	1.02327+	1	57	3	2 1648
1.03390+	1	1.00750+	1	1.04300+	1	9.99570+	0	1.04745+	1	9.95594+	0	57	3	2 1649
1.06069+	1	9.82287+	0	1.06290+	1	9.80641+	0	1.07087+	1	9.73924+	0	57	3	2 1650
1.07200+	1	9.73021+	0	1.08000+	1	9.63040+	0	1.08110+	1	9.61561+	0	57	3	2 1651
1.08913+	1	9.49840+	0	1.09370+	1	9.42001+	0	1.09920+	1	9.30703+	0	57	3	2 1652
1.09931+	1	9.30500+	0	1.11255+	1	8.98610+	0	1.12640+	1	8.69449+	0	57	3	2 1653
1.14090+	1	8.49395+	0	1.14450+	1	8.48120+	0	1.14810+	1	8.49275+	0	57	3	2 1654
1.15242+	1	8.63395+	0	1.15540+	1	9.66671+	0	1.15593+	1	9.80143+	0	57	3	2 1655
1.15643+	1	9.96948+	0	1.16203+	1	1.24056+	1	1.16389+	1	1.32779+	1	57	3	2 1656
1.16532+	1	1.38988+	1	1.16660+	1	1.43902+	1	1.16788+	1	1.48005+	1	57	3	2 1657
1.16931+	1	1.51441+	1	1.17117+	1	1.53901+	1	1.17677+	1	1.47999+	1	57	3	2 1658
1.18094+	1	1.34934+	1	1.18620+	1	1.16598+	1	1.18635+	1	1.16166+	1	57	3	2 1659
1.18980+	1	1.09181+	1	1.19393+	1	1.00445+	1	1.20000+	1	9.28187+	0	57	3	2 1660
1.20255+	1	8.95986+	0	1.20910+	1	8.41137+	0	1.21143+	1	8.22088+	0	57	3	2 1661
1.21450+	1	8.36969+	0	1.21924+	1	8.63740+	0	1.22000+	1	8.93887+	0	57	3	2 1662
1.22482+	1	1.07978+	1	1.22911+	1	1.41150+	1	1.23489+	1	2.01265+	1	57	3	2 1663
1.23500+	1	2.02419+	1	1.23680+	1	2.20342+	1	1.23828+	1	2.33347+	1	57	3	2 1664
1.23960+	1	2.43261+	1	1.24092+	1	2.51187+	1	1.24240+	1	2.57398+	1	57	3	2 1665
1.24431+	1	2.61079+	1	1.24900+	1	2.48199+	1	1.24910+	1	2.47924+	1	57	3	2 1666
1.25009+	1	2.44249+	1	1.25438+	1	2.12673+	1	1.25440+	1	2.12555+	1	57	3	2 1667
1.25996+	1	1.77305+	1	1.26264+	1	1.63739+	1	1.26536+	1	1.52682+	1	57	3	2 1668
1.27104+	1	1.37164+	1	1.27542+	1	1.30041+	1	1.28130+	1	1.24188+	1	57	3	2 1669
1.28325+	1	1.22939+	1	1.28475+	1	1.22107+	1	1.28610+	1	1.21438+	1	57	3	2 1670
1.28745+	1	1.20827+	1	1.28895+	1	1.20195+	1	1.29090+	1	1.19429+	1	57	3	2 1671
1.29678+	1	1.17243+	1	1.30116+	1	1.15569+	1	1.30583+	1	1.13786+	1	57	3	2 1672
1.31097+	1	1.11978+	1	1.31577+	1	1.10581+	1	1.32223+	1	1.09266+	1	57	3	2 1673
1.32437+	1	1.08953+	1	1.32602+	1	1.08739+	1	1.32750+	1	1.08516+	1	57	3	2 1674
1.32898+	1	1.08348+	1	1.33063+	1	1.08159+	1	1.33277+	1	1.07905+	1	57	3	2 1675
1.33923+	1	1.06957+	1	1.34403+	1	1.06039+	1	1.34941+	1	1.04905+	1	57	3	2 1676
1.35446+	1	1.03919+	1	1.35897+	1	1.03261+	1	1.36504+	1	1.02881+	1	57	3	2 1677
1.36706+	1	1.02888+	1	1.36861+	1	1.02938+	1	1.37000+	1	1.03011+	1	57	3	2 1678
1.37139+	1	1.03108+	1	1.37294+	1	1.03242+	1	1.37496+	1	1.03422+	1	57	3	2 1679
1.37660+	1	1.03610+	1	1.38232+	1	1.04437+	1	1.38935+	1	1.05918+	1	57	3	2 1680
1.39475+	1	1.07460+	1	1.39960+	1	1.09030+	1	1.40445+	1	1.10563+	1	57	3	2 1681
1.40850+	1	1.11605+	1	1.40985+	1	1.11686+	1	1.41688+	1	1.11213+	1	57	3	2 1682

1.42670+	1	1.08114+	1	1.43570+	1	1.05698+	1	1.43806+	1	1.05041+	1	57	3	2 1683
1.44120+	1	1.04394+	1	1.44190+	1	1.04243+	1	1.44304+	1	1.04112+	1	57	3	2 1684
1.44480+	1	1.04201+	1	1.44929+	1	1.04555+	1	1.45137+	1	1.05044+	1	57	3	2 1685
1.45297+	1	1.05475+	1	1.45440+	1	1.05874+	1	1.45583+	1	1.06258+	1	57	3	2 1686
1.45743+	1	1.06641+	1	1.45951+	1	1.07020+	1	1.46110+	1	1.07009+	1	57	3	2 1687
1.46470+	1	1.07603+	1	1.46576+	1	1.07720+	1	1.47041+	1	1.07083+	1	57	3	2 1688
1.47370+	1	1.06193+	1	1.47646+	1	1.05397+	1	1.48491+	1	1.02770+	1	57	3	2 1689
1.49010+	1	1.01389+	1	1.49688+	1	9.96139+	0	1.50000+	1	9.87440+	0	57	3	2 1690
1.50910+	1	9.62535+	0	1.50920+	1	9.62307+	0	1.51790+	1	9.39404+	0	57	3	2 1691
1.51820+	1	9.38996+	0	1.52412+	1	9.35147+	0	1.52730+	1	9.42346+	0	57	3	2 1692
1.52891+	1	9.50577+	0	1.53535+	1	1.00880+	1	1.53640+	1	1.02082+	1	57	3	2 1693
1.53748+	1	1.02489+	1	1.53913+	1	1.03179+	1	1.54060+	1	1.03801+	1	57	3	2 1694
1.54207+	1	1.04383+	1	1.54372+	1	1.04936+	1	1.54550+	1	1.05347+	1	57	3	2 1695
1.54585+	1	1.05455+	1	1.55229+	1	1.05284+	1	1.55450+	1	1.04276+	1	57	3	2 1696
1.55708+	1	1.03850+	1	1.56330+	1	1.01250+	1	1.56360+	1	1.01098+	1	57	3	2 1697
1.57200+	1	9.70919+	0	1.57270+	1	9.67606+	0	1.57433+	1	9.60015+	0	57	3	2 1698
1.57671+	1	9.49048+	0	1.58180+	1	9.28200+	0	1.58560+	1	9.15049+	0	57	3	2 1699
1.59090+	1	9.13806+	0	1.59196+	1	9.15935+	0	1.59685+	1	9.53346+	0	57	3	2 1700
1.60000+	1	9.99000+	0	1.60343+	1	1.04209+	1	1.60561+	1	1.07686+	1	57	3	2 1701
1.60729+	1	1.10387+	1	1.60880+	1	1.12725+	1	1.60910+	1	1.13159+	1	57	3	2 1702
1.61031+	1	1.13770+	1	1.61199+	1	1.14346+	1	1.61417+	1	1.14538+	1	57	3	2 1703
1.61820+	1	1.12172+	1	1.62075+	1	1.12789+	1	1.62564+	1	1.10339+	1	57	3	2 1704
1.62730+	1	1.09027+	1	1.63200+	1	1.05606+	1	1.63640+	1	1.02548+	1	57	3	2 1705
1.63749+	1	1.01803+	1	1.64309+	1	9.89812+	0	1.64360+	1	9.88549+	0	57	3	2 1706
1.64910+	1	9.78103+	0	1.64956+	1	9.77655+	0	1.65450+	1	9.88177+	0	57	3	2 1707
1.65454+	1	9.88259+	0	1.66123+	1	1.02503+	1	1.66346+	1	1.04183+	1	57	3	2 1708
1.66360+	1	1.04297+	1	1.66517+	1	1.04820+	1	1.66670+	1	1.05352+	1	57	3	2 1709
1.66823+	1	1.05873+	1	1.66994+	1	1.06406+	1	1.67217+	1	1.06963+	1	57	3	2 1710
1.67270+	1	1.06984+	1	1.67886+	1	1.06520+	1	1.68180+	1	1.05414+	1	57	3	2 1711
1.68384+	1	1.05172+	1	1.69031+	1	1.03137+	1	1.69090+	1	1.02909+	1	57	3	2 1712
1.69450+	1	1.01746+	1	1.69936+	1	1.00317+	1	1.70000+	1	1.00163+	1	57	3	2 1713
1.70910+	1	9.79192+	0	1.71282+	1	9.69925+	0	1.71810+	1	9.60100+	0	57	3	2 1714
1.72730+	1	9.46071+	0	1.73405+	1	9.34231+	0	1.73457+	1	9.33374+	0	57	3	2 1715
1.73511+	1	9.32482+	0	1.73640+	1	9.30129+	0	1.74550+	1	9.15811+	0	57	3	2 1716
1.75450+	1	9.02101+	0	1.75720+	1	8.98655+	0	1.76360+	1	8.86544+	0	57	3	2 1717
1.77121+	1	8.74584+	0	1.77270+	1	8.72128+	0	1.78063+	1	8.65537+	0	57	3	2 1718
1.78180+	1	8.66295+	0	1.78736+	1	8.77438+	0	1.79090+	1	8.93495+	0	57	3	2 1719
1.79254+	1	8.94891+	0	1.79951+	1	9.22786+	0	1.80183+	1	9.36308+	0	57	3	2 1720
1.80361+	1	9.47345+	0	1.80520+	1	9.57303+	0	1.80679+	1	9.66981+	0	57	3	2 1721
1.80857+	1	9.77058+	0	1.80910+	1	9.79629+	0	1.81089+	1	9.78041+	0	57	3	2 1722
1.81786+	1	9.54130+	0	1.81820+	1	9.51712+	0	1.82304+	1	9.38978+	0	57	3	2 1723
1.82730+	1	9.17176+	0	1.82977+	1	9.09478+	0	1.83640+	1	8.80339+	0	57	3	2 1724
1.83919+	1	8.69426+	0	1.84550+	1	8.44169+	0	1.85004+	1	8.27281+	0	57	3	2 1725
1.85450+	1	8.09940+	0	1.86116+	1	7.86693+	0	1.86360+	1	7.76824+	0	57	3	2 1726
1.87082+	1	7.52199+	0	1.87270+	1	7.45463+	0	1.87772+	1	7.34530+	0	57	3	2 1727
1.88180+	1	7.27395+	0	1.88303+	1	7.27412+	0	1.89017+	1	7.44906+	0	57	3	2 1728
1.89090+	1	7.49489+	0	1.89254+	1	7.39303+	0	1.89437+	1	7.33416+	0	57	3	2 1729
1.89600+	1	7.33549+	0	1.89763+	1	7.40251+	0	1.89946+	1	7.57565+	0	57	3	2 1730
1.90000+	1	7.67255+	0	1.90183+	1	8.28223+	0	1.90897+	1	1.26738+	1	57	3	2 1731
1.91278+	1	1.66323+	1	1.91662+	1	2.17854+	1	1.92382+	1	3.29507+	1	57	3	2 1732
1.92621+	1	3.63377+	1	1.92805+	1	3.85863+	1	1.92970+	1	4.02568+	1	57	3	2 1733
1.93135+	1	4.15511+	1	1.93319+	1	4.25132+	1	1.93558+	1	4.29828+	1	57	3	2 1734
1.93810+	1	4.18755+	1	1.94278+	1	3.68832+	1	1.94360+	1	3.56392+	1	57	3	2 1735
1.94550+	1	3.32456+	1	1.94815+	1	3.02712+	1	1.94910+	1	2.92287+	1	57	3	2 1736
1.95090+	1	2.73926+	1	1.95270+	1	2.56045+	1	1.95450+	1	2.38481+	1	57	3	2 1737
1.95510+	1	2.32696+	1	1.96180+	1	1.90402+	1	1.96411+	1	1.76060+	1	57	3	2 1738
1.96720+	1	1.67385+	1	1.97270+	1	1.52275+	1	1.97690+	1	1.40770+	1	57	3	2 1739
1.98180+	1	1.34465+	1	1.98679+	1	1.28135+	1	1.99090+	1	1.24804+	1	57	3	2 1740
1.99441+	1	1.22126+	1	2.00000+	1	1.19352+	1	2.00464+	1	1.17097+	1	57	3	2 1741
2.00804+	1	1.15977+	1	2.00910+	1	1.15677+	1	2.01066+	1	1.14907+	1	57	3	2 1742
2.01300+	1	1.13829+	1	2.01534+	1	1.12795+	1	2.01707+	1	1.12047+	1	57	3	2 1743
2.01831+	1	1.11511+	1	2.02000+	1	1.10779+	1	2.02169+	1	1.10035+	1	57	3	2 1744
2.02357+	1	1.09184+	1	2.02602+	1	1.08032+	1	2.02730+	1	1.07372+	1	57	3	2 1745
2.03339+	1	1.04034+	1	2.03640+	1	1.02316+	1	2.03887+	1	1.01268+	1	57	3	2 1746
2.04040+	1	1.00660+	1	2.04194+	1	1.00082+	1	2.04550+	1	9.90310+	0	57	3	2 1747
2.04748+	1	9.89776+	0	2.05450+	1	9.99892+	0	2.05492+	1	1.00069+	1	57	3	2 1748
2.05739+	1	1.00814+	1	2.05820+	1	1.01069+	1	2.05930+	1	1.00699+	1	57	3	2 1749
2.06100+	1	1.00114+	1	2.06270+	1	9.94969+	0	2.06360+	1	9.91432+	0	57	3	2 1750
2.06461+	1	9.84064+	0	2.06708+	1	9.64716+	0	2.06730+	1	9.62826+	0	57	3	2 1751
2.07270+	1	9.31049+	0	2.07452+	1	9.25048+	0	2.07640+	1	9.23608+	0	57	3	2 1752

2.08006+	1	9.24330+	0	2.08180+	1	9.36628+	0	2.08397+	1	9.52859+	0	57	3	2	1753
2.08792+	1	1.02106+	1	2.09090+	1	1.11694+	1	2.09353+	1	1.19548+	1	57	3	2	1754
2.10000+	1	1.49440+	1	2.10105+	1	1.54477+	1	2.10355+	1	1.66921+	1	57	3	2	1755
2.10360+	1	1.67130+	1	2.10548+	1	1.79085+	1	2.10720+	1	1.89117+	1	57	3	2	1756
2.10892+	1	1.98011+	1	2.10910+	1	1.98781+	1	2.11085+	1	2.05092+	1	57	3	2	1757
2.11270+	1	2.09779+	1	2.11335+	1	2.10166+	1	2.11820+	1	2.01831+	1	57	3	2	1758
2.12087+	1	1.97545+	1	2.12180+	1	1.94254+	1	2.12640+	1	1.79798+	1	57	3	2	1759
2.12648+	1	1.79581+	1	2.13375+	1	1.57093+	1	2.13640+	1	1.51380+	1	57	3	2	1760
2.14000+	1	1.43890+	1	2.14393+	1	1.35752+	1	2.14550+	1	1.34261+	1	57	3	2	1761
2.15450+	1	1.25923+	1	2.15906+	1	1.21735+	1	2.17270+	1	1.16303+	1	57	3	2	1762
2.18293+	1	1.12304+	1	2.19090+	1	1.10322+	1	2.19857+	1	1.08471+	1	57	3	2	1763
2.20910+	1	1.06293+	1	2.21488+	1	1.05162+	1	2.22730+	1	1.02646+	1	57	3	2	1764
2.23979+	1	1.00314+	1	2.24550+	1	9.88092+	0	2.25558+	1	9.66548+	0	57	3	2	1765
2.26360+	1	9.44441+	0	2.26620+	1	9.43644+	0	2.27379+	1	9.51375+	0	57	3	2	1766
2.27963+	1	9.75476+	0	2.28180+	1	9.93153+	0	2.28749+	1	1.00270+	1	57	3	2	1767
2.29010+	1	1.01260+	1	2.29210+	1	1.02051+	1	2.29390+	1	1.02706+	1	57	3	2	1768
2.29570+	1	1.03249+	1	2.29770+	1	1.03658+	1	2.30000+	1	1.03772+	1	57	3	2	1769
2.30031+	1	1.03771+	1	2.30817+	1	1.00695+	1	2.31150+	1	9.84733+	0	57	3	2	1770
2.31401+	1	9.85914+	0	2.31743+	1	9.93521+	0	2.32088+	1	1.01390+	1	57	3	2	1771
2.32300+	1	1.04192+	1	2.32679+	1	1.06592+	1	2.33472+	1	1.19730+	1	57	3	2	1772
2.33736+	1	1.24922+	1	2.33938+	1	1.28703+	1	2.34120+	1	1.31746+	1	57	3	2	1773
2.34302+	1	1.34335+	1	2.34504+	1	1.36577+	1	2.34600+	1	1.37224+	1	57	3	2	1774
2.34768+	1	1.39851+	1	2.35100+	1	1.43235+	1	2.35504+	1	1.45123+	1	57	3	2	1775
2.35824+	1	1.45472+	1	2.36070+	1	1.45399+	1	2.36290+	1	1.45253+	1	57	3	2	1776
2.36510+	1	1.45123+	1	2.36756+	1	1.45044+	1	2.36900+	1	1.45062+	1	57	3	2	1777
2.37076+	1	1.43312+	1	2.38039+	1	1.33839+	1	2.38740+	1	1.26109+	1	57	3	2	1778
2.38756+	1	1.25984+	1	2.39641+	1	1.18397+	1	2.40110+	1	1.14855+	1	57	3	2	1779
2.40382+	1	1.13661+	1	2.40983+	1	1.12641+	1	2.41030+	1	1.12747+	1	57	3	2	1780
2.41791+	1	1.12484+	1	2.42059+	1	1.13166+	1	2.42265+	1	1.13874+	1	57	3	2	1781
2.42450+	1	1.14599+	1	2.42635+	1	1.15368+	1	2.42841+	1	1.16230+	1	57	3	2	1782
2.43074+	1	1.17142+	1	2.43308+	1	1.17925+	1	2.43515+	1	1.18463+	1	57	3	2	1783
2.43700+	1	1.18798+	1	2.43790+	1	1.18888+	1	2.43885+	1	1.19017+	1	57	3	2	1784
2.44092+	1	1.19115+	1	2.44361+	1	1.18961+	1	2.45170+	1	1.16942+	1	57	3	2	1785
2.45214+	1	1.16784+	1	2.45412+	1	1.16038+	1	2.46090+	1	1.13798+	1	57	3	2	1786
2.48390+	1	1.09693+	1	2.49039+	1	1.08508+	1	2.50243+	1	1.08426+	1	57	3	2	1787
2.50690+	1	1.08653+	1	2.51170+	1	1.08865+	1	2.51610+	1	1.09225+	1	57	3	2	1788
2.52000+	1	1.09176+	1	2.52830+	1	1.09396+	1	2.53450+	1	1.09980+	1	57	3	2	1789
2.53757+	1	1.08758+	1	2.54684+	1	1.06066+	1	2.55104+	1	1.05175+	1	57	3	2	1790
2.55290+	1	1.04835+	1	2.55524+	1	1.06110+	1	2.55750+	1	1.07358+	1	57	3	2	1791
2.55900+	1	1.07823+	1	2.56276+	1	1.08921+	1	2.56696+	1	1.09961+	1	57	3	2	1792
2.57130+	1	1.10686+	1	2.57242+	1	1.10934+	1	2.58510+	1	1.10977+	1	57	3	2	1793
2.58886+	1	1.10779+	1	2.60110+	1	1.07938+	1	2.60340+	1	1.07303+	1	57	3	2	1794
2.61260+	1	1.04156+	1	2.61698+	1	1.02693+	1	2.61781+	1	1.02445+	1	57	3	2	1795
2.61824+	1	1.02321+	1	2.62180+	1	1.01554+	1	2.62639+	1	1.00751+	1	57	3	2	1796
2.63267+	1	1.00825+	1	2.64111+	1	1.02913+	1	2.64391+	1	1.04015+	1	57	3	2	1797
2.64480+	1	1.04395+	1	2.64607+	1	1.05339+	1	2.64800+	1	1.06801+	1	57	3	2	1798
2.64993+	1	1.08256+	1	2.65209+	1	1.09843+	1	2.65400+	1	1.11174+	1	57	3	2	1799
2.65489+	1	1.11466+	1	2.65949+	1	1.12559+	1	2.66529+	1	1.13052+	1	57	3	2	1800
2.66884+	1	1.12874+	1	2.67156+	1	1.12528+	1	2.67400+	1	1.12090+	1	57	3	2	1801
2.67644+	1	1.11557+	1	2.67916+	1	1.10874+	1	2.68271+	1	1.09892+	1	57	3	2	1802
2.69337+	1	1.06747+	1	2.69671+	1	1.05825+	1	2.69938+	1	1.05139+	1	57	3	2	1803
2.70000+	1	1.05006+	1	2.70792+	1	1.03562+	1	2.71076+	1	1.03160+	1	57	3	2	1804
2.71294+	1	1.02872+	1	2.71380+	1	1.02761+	1	2.71490+	1	1.02676+	1	57	3	2	1805
2.71686+	1	1.02521+	1	2.71904+	1	1.02334+	1	2.72188+	1	1.02017+	1	57	3	2	1806
2.73042+	1	1.00634+	1	2.73678+	1	9.90696+	0	2.73680+	1	9.90635+	0	57	3	2	1807
2.74140+	1	9.76667+	0	2.74503+	1	9.65910+	0	2.74706+	1	9.60171+	0	57	3	2	1808
2.74911+	1	9.54880+	0	2.75746+	1	9.44301+	0	2.75980+	1	9.49397+	0	57	3	2	1809
2.76390+	1	9.60575+	0	2.77254+	1	1.02114+	1	2.77541+	1	1.04814+	1	57	3	2	1810
2.77762+	1	1.06962+	1	2.77960+	1	1.08877+	1	2.78158+	1	1.10717+	1	57	3	2	1811
2.78280+	1	1.11766+	1	2.78379+	1	1.12414+	1	2.78666+	1	1.13950+	1	57	3	2	1812
2.79426+	1	1.15551+	1	2.80190+	1	1.13768+	1	2.80479+	1	1.12533+	1	57	3	2	1813
2.80570+	1	1.12103+	1	2.80701+	1	1.11600+	1	2.80900+	1	1.10807+	1	57	3	2	1814
2.81099+	1	1.10015+	1	2.81321+	1	1.09162+	1	2.81610+	1	1.08148+	1	57	3	2	1815
2.82202+	1	1.06540+	1	2.82797+	1	1.05626+	1	2.82870+	1	1.05568+	1	57	3	2	1816
2.83087+	1	1.05642+	1	2.83310+	1	1.05785+	1	2.83510+	1	1.05946+	1	57	3	2	1817
2.83710+	1	1.06124+	1	2.83933+	1	1.06298+	1	2.84223+	1	1.06550+	1	57	3	2	1818
2.84250+	1	1.06561+	1	2.85096+	1	1.06789+	1	2.85170+	1	1.06774+	1	57	3	2	1819
2.85299+	1	1.06634+	1	2.85504+	1	1.06381+	1	2.86383+	1	1.05092+	1	57	3	2	1820
2.86674+	1	1.04641+	1	2.86899+	1	1.04299+	1	2.87100+	1	1.03995+	1	57	3	2	1821
2.87301+	1	1.03696+	1	2.87470+	1	1.03446+	1	2.87526+	1	1.03401+	1	57	3	2	1822
2.87817+	1	1.03166+	1	2.88696+	1	1.02399+	1	2.89350+	1	1.01732+	1	57	3	2	1823

2.89770+	1	1.01264+	1	2.90199+	1	1.00680+	1	2.91387+	1	9.89677+	0	57	3	2	1824
2.91733+	1	9.84466+	0	2.92070+	1	9.79227+	0	2.92084+	1	9.79029+	0	57	3	2	1825
2.93291+	1	9.60931+	0	2.94154+	1	9.50704+	0	2.94370+	1	9.50110+	0	57	3	2	1826
2.94818+	1	9.49846+	0	2.95711+	1	9.61896+	0	2.96008+	1	9.68616+	0	57	3	2	1827
2.96236+	1	9.74241+	0	2.96440+	1	9.79365+	0	2.96644+	1	9.84349+	0	57	3	2	1828
2.96670+	1	9.84927+	0	2.96872+	1	9.87171+	0	2.97169+	1	9.89397+	0	57	3	2	1829
2.98062+	1	9.85746+	0	2.98726+	1	9.73000+	0	2.98970+	1	9.66267+	0	57	3	2	1830
2.99589+	1	9.55810+	0	3.00000+	1	9.47720+	0	3.00796+	1	9.33433+	0	57	3	2	1831
3.01133+	1	9.27413+	0	3.01475+	1	9.21263+	0	3.02290+	1	9.06033+	0	57	3	2	1832
3.02701+	1	9.02736+	0	3.03578+	1	8.96714+	0	3.04253+	1	8.95345+	0	57	3	2	1833
3.04570+	1	8.97830+	0	3.05160+	1	8.89501+	0	3.05461+	1	8.88527+	0	57	3	2	1834
3.05692+	1	8.89234+	0	3.05900+	1	8.91110+	0	3.06108+	1	8.94311+	0	57	3	2	1835
3.06339+	1	8.99631+	0	3.06640+	1	9.09587+	0	3.06860+	1	9.20859+	0	57	3	2	1836
3.07247+	1	9.42606+	0	3.07770+	1	9.82773+	0	3.07856+	1	9.85728+	0	57	3	2	1837
3.08159+	1	9.98161+	0	3.08392+	1	1.00728+	1	3.08600+	1	1.01437+	1	57	3	2	1838
3.08808+	1	1.01983+	1	3.09041+	1	1.02338+	1	3.09140+	1	1.02328+	1	57	3	2	1839
3.09344+	1	1.02872+	1	3.09600+	1	1.02509+	1	3.10255+	1	1.03360+	1	57	3	2	1840
3.10933+	1	1.01321+	1	3.10970+	1	1.01151+	1	3.11430+	1	9.89031+	0	57	3	2	1841
3.11813+	1	9.70099+	0	3.13045+	1	9.15380+	0	3.13710+	1	8.92195+	0	57	3	2	1842
3.14592+	1	8.63156+	0	3.16000+	1	8.15036+	0	3.16169+	1	8.10100+	0	57	3	2	1843
3.16910+	1	8.00280+	0	3.17425+	1	7.99659+	0	3.18290+	1	8.63275+	0	57	3	2	1844
3.18322+	1	8.66113+	0	3.18740+	1	9.47258+	0	3.19013+	1	9.95342+	0	57	3	2	1845
3.19660+	1	1.17452+	1	3.19942+	1	1.23050+	1	3.20250+	1	1.30048+	1	57	3	2	1846
3.20487+	1	1.35116+	1	3.20570+	1	1.36694+	1	3.20700+	1	1.39213+	1	57	3	2	1847
3.20913+	1	1.42696+	1	3.21150+	1	1.45657+	1	3.21458+	1	1.47828+	1	57	3	2	1848
3.21940+	1	1.45135+	1	3.22387+	1	1.42787+	1	3.22860+	1	1.34612+	1	57	3	2	1849
3.23078+	1	1.32143+	1	3.23975+	1	1.19119+	1	3.25140+	1	1.06074+	1	57	3	2	1850
3.25231+	1	1.05056+	1	3.27098+	1	9.40034+	0	3.27430+	1	9.26062+	0	57	3	2	1851
3.27870+	1	9.08381+	0	3.28659+	1	8.78909+	0	3.29710+	1	8.37934+	0	57	3	2	1852
3.30568+	1	8.11798+	0	3.31852+	1	8.14466+	0	3.32000+	1	8.32995+	0	57	3	2	1853
3.32769+	1	9.42940+	0	3.33475+	1	1.15471+	1	3.34425+	1	1.54809+	1	57	3	2	1854
3.34740+	1	1.67865+	1	3.34983+	1	1.76810+	1	3.35200+	1	1.83644+	1	57	3	2	1855
3.35417+	1	1.82326+	1	3.35660+	1	1.79041+	1	3.35975+	1	1.71744+	1	57	3	2	1856
3.36110+	1	1.66025+	1	3.36925+	1	1.52660+	1	3.37490+	1	1.35215+	1	57	3	2	1857
3.37631+	1	1.31708+	1	3.38548+	1	1.09479+	1	3.38860+	1	1.04442+	1	57	3	2	1858
3.39423+	1	9.53003+	0	3.40310+	1	8.98401+	0	3.41140+	1	9.59894+	0	57	3	2	1859
3.41238+	1	9.68668+	0	3.41954+	1	1.14387+	1	3.42915+	1	1.49733+	1	57	3	2	1860
3.43234+	1	1.61918+	1	3.43430+	1	1.68768+	1	3.43480+	1	1.70007+	1	57	3	2	1861
3.43700+	1	1.74553+	1	3.43920+	1	1.78005+	1	3.44166+	1	1.80362+	1	57	3	2	1862
3.44340+	1	1.80639+	1	3.44485+	1	1.74289+	1	3.44800+	1	1.55240+	1	57	3	2	1863
3.45260+	1	1.41594+	1	3.45446+	1	1.40168+	1	3.45710+	1	1.35066+	1	57	3	2	1864
3.46092+	1	1.29848+	1	3.46170+	1	1.28890+	1	3.46630+	1	1.23548+	1	57	3	2	1865
3.46742+	1	1.22139+	1	3.47090+	1	1.21708+	1	3.47540+	1	1.18745+	1	57	3	2	1866
3.47710+	1	1.16993+	1	3.48031+	1	1.17638+	1	3.48278+	1	1.19612+	1	57	3	2	1867
3.48460+	1	1.21991+	1	3.48500+	1	1.22159+	1	3.48722+	1	1.24198+	1	57	3	2	1868
3.48910+	1	1.26939+	1	3.48969+	1	1.27086+	1	3.49290+	1	1.30132+	1	57	3	2	1869
3.50181+	1	1.51385+	1	3.50290+	1	1.55396+	1	3.51076+	1	2.50489+	1	57	3	2	1870
3.51399+	1	2.88616+	1	3.51647+	1	3.16310+	1	3.51870+	1	3.39446+	1	57	3	2	1871
3.52093+	1	3.60678+	1	3.52150+	1	3.65839+	1	3.52325+	1	3.80584+	1	57	3	2	1872
3.52570+	1	3.96551+	1	3.53000+	1	3.76895+	1	3.53675+	1	3.28536+	1	57	3	2	1873
3.54428+	1	2.63912+	1	3.54860+	1	2.27238+	1	3.55407+	1	2.12374+	1	57	3	2	1874
3.56409+	1	1.96459+	1	3.57140+	1	1.94505+	1	3.58639+	1	1.64535+	1	57	3	2	1875
3.59430+	1	1.53859+	1	3.60820+	1	1.44750+	1	3.62497+	1	1.36845+	1	57	3	2	1876
3.64000+	1	1.31061+	1	3.65503+	1	1.26077+	1	3.66290+	1	1.23765+	1	57	3	2	1877
3.67180+	1	1.22030+	1	3.68570+	1	1.19743+	1	3.69361+	1	1.18166+	1	57	3	2	1878
3.69500+	1	1.17908+	1	3.69639+	1	1.17652+	1	3.70860+	1	1.15517+	1	57	3	2	1879
3.71820+	1	1.14287+	1	3.73140+	1	1.12741+	1	3.73497+	1	1.12350+	1	57	3	2	1880
3.75000+	1	1.10743+	1	3.75430+	1	1.10264+	1	3.76503+	1	1.08814+	1	57	3	2	1881
3.77710+	1	1.07045+	1	3.78180+	1	1.06089+	1	3.80000+	1	1.02457+	1	57	3	2	1882
3.80361+	1	1.02268+	1	3.81666+	1	1.02800+	1	3.81927+	1	1.03049+	1	57	3	2	1883
3.82290+	1	1.03462+	1	3.82363+	1	1.03459+	1	3.82699+	1	1.03488+	1	57	3	2	1884
3.83000+	1	1.03521+	1	3.83301+	1	1.03536+	1	3.83637+	1	1.03508+	1	57	3	2	1885
3.84073+	1	1.03355+	1	3.84570+	1	1.02749+	1	3.85388+	1	1.01411+	1	57	3	2	1886
3.86366+	1	9.86388+	0	3.86860+	1	9.67473+	0	3.87637+	1	9.41487+	0	57	3	2	1887
3.89140+	1	8.81847+	0	3.89225+	1	8.78359+	0	3.90469+	1	8.59182+	0	57	3	2	1888
3.91430+	1	9.33428+	0	3.91464+	1	9.36879+	0	3.92230+	1	1.11120+	1	57	3	2	1889
3.92340+	1	1.14806+	1	3.92800+	1	1.36249+	1	3.93260+	1	1.68906+	1	57	3	2	1890
3.93601+	1	1.93734+	1	3.93710+	1	2.01342+	1	3.93864+	1	2.01659+	1	57	3	2	1891
3.94100+	1	2.01327+	1	3.94336+	1	1.99995+	1	3.94599+	1	1.97124+	1	57	3	2	1892
3.94940+	1	1.90635+	1	3.95090+	1	1.85690+	1	3.95970+	1	1.74883+	1	57	3	2	1893
3.96000+	1	1.74152+	1	3.96542+	1	1.64753+	1	3.96910+	1	1.57466+	1	57	3	2	1894

3.97118+	1	1.53558+	1	3.98154+	1	1.36953+	1	3.98290+	1	1.35362+	1	57	3	2 1895
3.98498+	1	1.33244+	1	3.98763+	1	1.31059+	1	3.99000+	1	1.29430+	1	57	3	2 1896
3.99237+	1	1.28066+	1	3.99502+	1	1.26805+	1	3.99660+	1	1.26195+	1	57	3	2 1897
3.99846+	1	1.24919+	1	4.00882+	1	1.18971+	1	4.01652+	1	1.14966+	1	57	3	2 1898
4.01940+	1	1.13611+	1	4.02167+	1	1.13155+	1	4.02687+	1	1.12340+	1	57	3	2 1899
4.03464+	1	1.11768+	1	4.04508+	1	1.12447+	1	4.04854+	1	1.12989+	1	57	3	2 1900
4.05121+	1	1.13470+	1	4.05140+	1	1.13506+	1	4.05360+	1	1.13139+	1	57	3	2 1901
4.05599+	1	1.12746+	1	4.05866+	1	1.12289+	1	4.06212+	1	1.11627+	1	57	3	2 1902
4.06970+	1	1.09649+	1	4.07256+	1	1.08847+	1	4.07430+	1	1.08171+	1	57	3	2 1903
4.07890+	1	1.06644+	1	4.08033+	1	1.06332+	1	4.08247+	1	1.05764+	1	57	3	2 1904
4.08634+	1	1.04651+	1	4.09710+	1	1.01345+	1	4.10049+	1	1.01154+	1	57	3	2 1905
4.11949+	1	1.01344+	1	4.12000+	1	1.01392+	1	4.12580+	1	1.01458+	1	57	3	2 1906
4.13065+	1	1.01694+	1	4.13500+	1	1.02043+	1	4.13935+	1	1.02565+	1	57	3	2 1907
4.14290+	1	1.03233+	1	4.14420+	1	1.02716+	1	4.15042+	1	1.01150+	1	57	3	2 1908
4.15388+	1	1.00952+	1	4.15658+	1	1.01277+	1	4.15660+	1	1.01282+	1	57	3	2 1909
4.15900+	1	1.02524+	1	4.16142+	1	1.04203+	1	4.16412+	1	1.06609+	1	57	3	2 1910
4.16570+	1	1.08388+	1	4.16763+	1	1.11091+	1	4.17313+	1	1.20356+	1	57	3	2 1911
4.17864+	1	1.30609+	1	4.17940+	1	1.31973+	1	4.18216+	1	1.36170+	1	57	3	2 1912
4.18487+	1	1.39788+	1	4.18730+	1	1.42475+	1	4.18973+	1	1.44515+	1	57	3	2 1913
4.19244+	1	1.45928+	1	4.19596+	1	1.46313+	1	4.19770+	1	1.45223+	1	57	3	2 1914
4.20511+	1	1.41776+	1	4.21140+	1	1.35231+	1	4.21430+	1	1.32950+	1	57	3	2 1915
4.21784+	1	1.30067+	1	4.22056+	1	1.28060+	1	4.22300+	1	1.26457+	1	57	3	2 1916
4.22544+	1	1.25051+	1	4.22816+	1	1.23708+	1	4.22970+	1	1.23087+	1	57	3	2 1917
4.23170+	1	1.21843+	1	4.23890+	1	1.18486+	1	4.24236+	1	1.16858+	1	57	3	2 1918
4.24594+	1	1.15604+	1	4.24954+	1	1.14559+	1	4.25710+	1	1.13324+	1	57	3	2 1919
4.26025+	1	1.13042+	1	4.26381+	1	1.13060+	1	4.26655+	1	1.13193+	1	57	3	2 1920
4.26900+	1	1.13327+	1	4.27090+	1	1.13417+	1	4.27145+	1	1.13424+	1	57	3	2 1921
4.27419+	1	1.13401+	1	4.27775+	1	1.13224+	1	4.28000+	1	1.12809+	1	57	3	2 1922
4.28846+	1	1.11060+	1	4.28910+	1	1.10824+	1	4.29644+	1	1.08109+	1	57	3	2 1923
4.30290+	1	1.05536+	1	4.30425+	1	1.05062+	1	4.31214+	1	1.03214+	1	57	3	2 1924
4.32018+	1	1.03404+	1	4.32110+	1	1.03761+	1	4.33030+	1	1.09466+	1	57	3	2 1925
4.33098+	1	1.09681+	1	4.33457+	1	1.11489+	1	4.33733+	1	1.12924+	1	57	3	2 1926
4.33980+	1	1.14160+	1	4.34227+	1	1.15281+	1	4.34503+	1	1.16326+	1	57	3	2 1927
4.34860+	1	1.17252+	1	4.34862+	1	1.17257+	1	4.35942+	1	1.16575+	1	57	3	2 1928
4.36483+	1	1.14788+	1	4.36690+	1	1.13973+	1	4.37026+	1	1.14251+	1	57	3	2 1929
4.38060+	1	1.15865+	1	4.38113+	1	1.15583+	1	4.38474+	1	1.14152+	1	57	3	2 1930
4.38751+	1	1.13190+	1	4.39000+	1	1.12412+	1	4.39249+	1	1.11728+	1	57	3	2 1931
4.39350+	1	1.11462+	1	4.39451+	1	1.11200+	1	4.39700+	1	1.10561+	1	57	3	2 1932
4.39949+	1	1.09909+	1	4.40227+	1	1.09135+	1	4.40340+	1	1.08781+	1	57	3	2 1933
4.40588+	1	1.08495+	1	4.41675+	1	1.06180+	1	4.41710+	1	1.06078+	1	57	3	2 1934
4.42484+	1	1.04287+	1	4.42839+	1	1.03502+	1	4.43196+	1	1.02858+	1	57	3	2 1935
4.44000+	1	1.02398+	1	4.44011+	1	1.02420+	1	4.45106+	1	1.07569+	1	57	3	2 1936
4.45470+	1	1.09928+	1	4.45749+	1	1.11876+	1	4.46000+	1	1.13676+	1	57	3	2 1937
4.46251+	1	1.15486+	1	4.46290+	1	1.15766+	1	4.46530+	1	1.15537+	1	57	3	2 1938
4.46894+	1	1.15057+	1	4.47134+	1	1.14636+	1	4.47635+	1	1.13395+	1	57	3	2 1939
4.48394+	1	1.10525+	1	4.48570+	1	1.09648+	1	4.48977+	1	1.10536+	1	57	3	2 1940
4.49500+	1	1.11321+	1	4.50023+	1	1.11890+	1	4.50606+	1	1.12355+	1	57	3	2 1941
4.50860+	1	1.12492+	1	4.51365+	1	1.12239+	1	4.53140+	1	1.10327+	1	57	3	2 1942
4.53649+	1	1.09490+	1	4.55154+	1	1.06633+	1	4.55430+	1	1.06227+	1	57	3	2 1943
4.55884+	1	1.05410+	1	4.56994+	1	1.04030+	1	4.57363+	1	1.03753+	1	57	3	2 1944
4.57646+	1	1.03571+	1	4.57710+	1	1.03532+	1	4.57900+	1	1.03457+	1	57	3	2 1945
4.58154+	1	1.03353+	1	4.58437+	1	1.03219+	1	4.58806+	1	1.02992+	1	57	3	2 1946
4.59916+	1	1.01736+	1	4.60000+	1	1.01398+	1	4.60741+	1	9.85352+	0	57	3	2 1947
4.61810+	1	9.59417+	0	4.61813+	1	9.59335+	0	4.62873+	1	9.28143+	0	57	3	2 1948
4.63630+	1	9.04594+	0	4.63944+	1	8.97268+	0	4.65028+	1	8.78606+	0	57	3	2 1949
4.65440+	1	8.78682+	0	4.65863+	1	9.01851+	0	4.66984+	1	9.98041+	0	57	3	2 1950
4.67260+	1	1.02910+	1	4.67357+	1	1.03109+	1	4.67643+	1	1.04014+	1	57	3	2 1951
4.67900+	1	1.05028+	1	4.68157+	1	1.06202+	1	4.68443+	1	1.07655+	1	57	3	2 1952
4.68816+	1	1.09672+	1	4.69004+	1	1.10702+	1	4.69192+	1	1.11718+	1	57	3	2 1953
4.69565+	1	1.13521+	1	4.69853+	1	1.14775+	1	4.70110+	1	1.15698+	1	57	3	2 1954
4.70367+	1	1.16392+	1	4.70655+	1	1.16857+	1	4.71028+	1	1.16930+	1	57	3	2 1955
4.72152+	1	1.13436+	1	4.72700+	1	1.09840+	1	4.72989+	1	1.08876+	1	57	3	2 1956
4.74075+	1	1.03448+	1	4.74510+	1	1.01139+	1	4.74881+	1	9.91536+	0	57	3	2 1957
4.75695+	1	9.51961+	0	4.76330+	1	9.32031+	0	4.76792+	1	9.20625+	0	57	3	2 1958
4.77410+	1	9.23824+	0	4.77637+	1	9.32617+	0	4.78773+	1	1.01879+	1	57	3	2 1959
4.78870+	1	1.02830+	1	4.79150+	1	1.04898+	1	4.79440+	1	1.07170+	1	57	3	2 1960
4.79590+	1	1.08359+	1	4.79700+	1	1.08100+	1	4.79960+	1	1.07440+	1	57	3	2 1961
4.80250+	1	1.06622+	1	4.80627+	1	1.05326+	1	4.80680+	1	1.05072+	1	57	3	2 1962
4.81347+	1	1.05190+	1	4.81770+	1	1.04567+	1	4.82070+	1	1.05767+	1	57	3	2 1963
4.82448+	1	1.06857+	1	4.82739+	1	1.07532+	1	4.82860+	1	1.07762+	1	57	3	2 1964

4.83000+	1	1.07888+	1	4.83261+	1	1.08027+	1	4.83552+	1	1.08078+	1	57	3	2 1965
4.83930+	1	1.07995+	1	4.83950+	1	1.07980+	1	4.85070+	1	1.05117+	1	57	3	2 1966
4.85400+	1	1.04341+	1	4.85494+	1	1.04166+	1	4.85919+	1	1.03628+	1	57	3	2 1967
4.86120+	1	1.03693+	1	4.86850+	1	1.04595+	1	4.87065+	1	1.04617+	1	57	3	2 1968
4.87445+	1	1.05193+	1	4.87738+	1	1.05686+	1	4.88000+	1	1.06153+	1	57	3	2 1969
4.88262+	1	1.06564+	1	4.88555+	1	1.06899+	1	4.88660+	1	1.06945+	1	57	3	2 1970
4.88935+	1	1.05977+	1	4.88999+	1	1.05718+	1	4.89063+	1	1.05447+	1	57	3	2 1971
4.89340+	1	1.04115+	1	4.89444+	1	1.04053+	1	4.89737+	1	1.03638+	1	57	3	2 1972
4.90000+	1	1.03120+	1	4.90110+	1	1.02864+	1	4.90263+	1	1.02802+	1	57	3	2 1973
4.90556+	1	1.02640+	1	4.90937+	1	1.02480+	1	4.91200+	1	1.02891+	1	57	3	2 1974
4.91930+	1	1.03374+	1	4.92085+	1	1.03398+	1	4.92086+	1	1.03399+	1	57	3	2 1975
4.92086+	1	1.03400+	1	4.93239+	1	1.08636+	1	4.93380+	1	1.09549+	1	57	3	2 1976
4.93622+	1	1.10764+	1	4.93916+	1	1.12245+	1	4.94180+	1	1.13459+	1	57	3	2 1977
4.94444+	1	1.14478+	1	4.94738+	1	1.15291+	1	4.95121+	1	1.15716+	1	57	3	2 1978
4.95560+	1	1.14374+	1	4.96274+	1	1.13556+	1	4.96640+	1	1.11612+	1	57	3	2 1979
4.97132+	1	1.08812+	1	4.97618+	1	1.05521+	1	4.97730+	1	1.04777+	1	57	3	2 1980
4.98108+	1	1.02507+	1	4.98971+	1	9.81796+	0	4.99550+	1	9.65698+	0	57	3	2 1981
5.00132+	1	9.44636+	0	5.00518+	1	9.37323+	0	5.00814+	1	9.33793+	0	57	3	2 1982
5.01080+	1	9.32122+	0	5.01346+	1	9.31854+	0	5.01642+	1	9.33240+	0	57	3	2 1983
5.01720+	1	9.34162+	0	5.02028+	1	9.35104+	0	5.02867+	1	9.48858+	0	57	3	2 1984
5.03709+	1	9.76527+	0	5.04096+	1	9.91358+	0	5.04393+	1	1.00234+	1	57	3	2 1985
5.04660+	1	1.01115+	1	5.04927+	1	1.01757+	1	5.05224+	1	1.02284+	1	57	3	2 1986
5.05611+	1	1.02475+	1	5.06082+	1	1.01864+	1	5.06651+	1	9.99301+	0	57	3	2 1987
5.07118+	1	9.75802+	0	5.07478+	1	9.54442+	0	5.07800+	1	9.35726+	0	57	3	2 1988
5.08122+	1	9.18202+	0	5.08482+	1	9.02085+	0	5.08949+	1	8.89821+	0	57	3	2 1989
5.10357+	1	9.49073+	0	5.10461+	1	9.60254+	0	5.10547+	1	9.70292+	0	57	3	2 1990
5.11721+	1	1.15810+	1	5.12111+	1	1.23125+	1	5.12411+	1	1.28606+	1	57	3	2 1991
5.12680+	1	1.33201+	1	5.12949+	1	1.37318+	1	5.13249+	1	1.41253+	1	57	3	2 1992
5.13639+	1	1.45071+	1	5.14487+	1	1.47881+	1	5.15338+	1	1.44140+	1	57	3	2 1993
5.15729+	1	1.40982+	1	5.16030+	1	1.38202+	1	5.16300+	1	1.35563+	1	57	3	2 1994
5.16570+	1	1.32861+	1	5.16871+	1	1.29847+	1	5.17262+	1	1.26040+	1	57	3	2 1995
5.18050+	1	1.19567+	1	5.18440+	1	1.16854+	1	5.18852+	1	1.14920+	1	57	3	2 1996
5.19395+	1	1.13326+	1	5.20945+	1	1.15299+	1	5.21459+	1	1.17874+	1	57	3	2 1997
5.21855+	1	1.20201+	1	5.22210+	1	1.22389+	1	5.22565+	1	1.24543+	1	57	3	2 1998
5.22961+	1	1.26759+	1	5.23475+	1	1.29123+	1	5.25025+	1	1.31276+	1	57	3	2 1999
5.25310+	1	1.30640+	1	5.26179+	1	1.28768+	1	5.27120+	1	1.25356+	1	57	3	2 2000
5.27676+	1	1.22791+	1	5.29072+	1	1.16280+	1	5.30152+	1	1.11730+	1	57	3	2 2001
5.31310+	1	1.07241+	1	5.32203+	1	1.05360+	1	5.32560+	1	1.05189+	1	57	3	2 2002
5.33401+	1	1.04566+	1	5.33799+	1	1.04674+	1	5.34106+	1	1.04826+	1	57	3	2 2003
5.34380+	1	1.04978+	1	5.34654+	1	1.05471+	1	5.34961+	1	1.05967+	1	57	3	2 2004
5.35359+	1	1.06475+	1	5.36190+	1	1.06578+	1	5.36557+	1	1.06361+	1	57	3	2 2005
5.37450+	1	1.04502+	1	5.37839+	1	1.03464+	1	5.38000+	1	1.03009+	1	57	3	2 2006
5.38231+	1	1.02366+	1	5.39128+	1	9.98956+	0	5.40000+	1	9.79046+	0	57	3	2 2007
5.40335+	1	9.71993+	0	5.40736+	1	9.65052+	0	5.41044+	1	9.59964+	0	57	3	2 2008
5.41320+	1	9.55440+	0	5.41596+	1	9.50814+	0	5.41810+	1	9.47036+	0	57	3	2 2009
5.41904+	1	9.44805+	0	5.42305+	1	9.33968+	0	5.43512+	1	8.94690+	0	57	3	2 2010
5.43630+	1	8.89809+	0	5.44409+	1	8.62383+	0	5.45440+	1	8.26327+	0	57	3	2 2011
5.45575+	1	8.22601+	0	5.45960+	1	8.16788+	0	5.46349+	1	8.16369+	0	57	3	2 2012
5.47260+	1	8.59572+	0	5.47524+	1	8.80259+	0	5.48430+	1	1.03408+	1	57	3	2 2013
5.49070+	1	1.19521+	1	5.49647+	1	1.31176+	1	5.50051+	1	1.39962+	1	57	3	2 2014
5.50362+	1	1.46149+	1	5.50640+	1	1.51040+	1	5.50880+	1	1.54524+	1	57	3	2 2015
5.50918+	1	1.54764+	1	5.51229+	1	1.55510+	1	5.51633+	1	1.54383+	1	57	3	2 2016
5.52700+	1	1.39202+	1	5.52850+	1	1.38570+	1	5.53756+	1	1.25858+	1	57	3	2 2017
5.54506+	1	1.14346+	1	5.54510+	1	1.14301+	1	5.55262+	1	1.06949+	1	57	3	2 2018
5.56174+	1	1.02935+	1	5.56330+	1	1.03366+	1	5.57400+	1	1.07151+	1	57	3	2 2019
5.57807+	1	1.10366+	1	5.58120+	1	1.13235+	1	5.58140+	1	1.13438+	1	57	3	2 2020
5.58400+	1	1.12243+	1	5.58680+	1	1.11102+	1	5.58993+	1	1.09954+	1	57	3	2 2021
5.59400+	1	1.08562+	1	5.59549+	1	1.08137+	1	5.59698+	1	1.07743+	1	57	3	2 2022
5.59950+	1	1.07221+	1	5.60105+	1	1.07471+	1	5.60419+	1	1.08341+	1	57	3	2 2023
5.60700+	1	1.09529+	1	5.60981+	1	1.11239+	1	5.61295+	1	1.13934+	1	57	3	2 2024
5.61702+	1	1.18966+	1	5.61770+	1	1.20443+	1	5.62836+	1	1.43094+	1	57	3	2 2025
5.62860+	1	1.43842+	1	5.63580+	1	1.62261+	1	5.63974+	1	1.76649+	1	57	3	2 2026
5.64310+	1	1.88545+	1	5.64383+	1	1.92378+	1	5.64698+	1	2.07515+	1	57	3	2 2027
5.64980+	1	2.19608+	1	5.65262+	1	2.30011+	1	5.65577+	1	2.39374+	1	57	3	2 2028
5.65986+	1	2.47787+	1	5.66490+	1	2.48697+	1	5.67219+	1	2.43395+	1	57	3	2 2029
5.67940+	1	2.27790+	1	5.68136+	1	2.22138+	1	5.69020+	1	1.96692+	1	57	3	2 2030
5.69327+	1	1.87666+	1	5.70994+	1	1.53787+	1	5.71200+	1	1.50892+	1	57	3	2 2031
5.71453+	1	1.47385+	1	5.71917+	1	1.41771+	1	5.72650+	1	1.34850+	1	57	3	2 2032
5.73603+	1	1.25810+	1	5.74808+	1	1.17667+	1	5.75735+	1	1.13539+	1	57	3	2 2033
5.76280+	1	1.13136+	1	5.76982+	1	1.13716+	1	5.77396+	1	1.15525+	1	57	3	2 2034
5.77715+	1	1.17444+	1	5.78000+	1	1.19537+	1	5.78100+	1	1.20372+	1	57	3	2 2035

5.78285+	1	1.20465+	1	5.78604+	1	1.20977+	1	5.79018+	1	1.22018+	1	57	3	2 2036
5.79299+	1	1.22851+	1	5.79580+	1	1.23686+	1	5.79910+	1	1.24503+	1	57	3	2 2037
5.79995+	1	1.26181+	1	5.80314+	1	1.32154+	1	5.80600+	1	1.37136+	1	57	3	2 2038
5.80886+	1	1.41687+	1	5.81205+	1	1.46187+	1	5.81620+	1	1.51068+	1	57	3	2 2039
5.81720+	1	1.51777+	1	5.82870+	1	1.48911+	1	5.83170+	1	1.47305+	1	57	3	2 2040
5.83662+	1	1.42861+	1	5.83900+	1	1.40950+	1	5.84458+	1	1.35323+	1	57	3	2 2041
5.84990+	1	1.31950+	1	5.85710+	1	1.24803+	1	5.85715+	1	1.24800+	1	57	3	2 2042
5.86132+	1	1.25704+	1	5.86453+	1	1.26624+	1	5.86740+	1	1.27559+	1	57	3	2 2043
5.86800+	1	1.27754+	1	5.87027+	1	1.31452+	1	5.87348+	1	1.36580+	1	57	3	2 2044
5.87765+	1	1.42972+	1	5.88250+	1	1.49283+	1	5.89022+	1	1.48749+	1	57	3	2 2045
5.89956+	1	1.45334+	1	5.90070+	1	1.44764+	1	5.91160+	1	1.38566+	1	57	3	2 2046
5.91170+	1	1.38514+	1	5.92145+	1	1.33355+	1	5.93129+	1	1.28680+	1	57	3	2 2047
5.94354+	1	1.23693+	1	5.94420+	1	1.23468+	1	5.95297+	1	1.20996+	1	57	3	2 2048
5.96240+	1	1.18951+	1	5.96565+	1	1.18416+	1	5.96986+	1	1.17947+	1	57	3	2 2049
5.97310+	1	1.17664+	1	5.97600+	1	1.17473+	1	5.97890+	1	1.17281+	1	57	3	2 2050
5.98050+	1	1.17253+	1	5.98214+	1	1.17156+	1	5.98635+	1	1.17056+	1	57	3	2 2051
5.99736+	1	1.17730+	1	6.00841+	1	1.19840+	1	6.01264+	1	1.20914+	1	57	3	2 2052
6.01589+	1	1.21773+	1	6.01880+	1	1.22531+	1	6.02171+	1	1.23246+	1	57	3	2 2053
6.02496+	1	1.23950+	1	6.02919+	1	1.24680+	1	6.03490+	1	1.24900+	1	57	3	2 2054
6.04191+	1	1.25170+	1	6.05116+	1	1.24088+	1	6.06047+	1	1.22580+	1	57	3	2 2055
6.07326+	1	1.21236+	1	6.07751+	1	1.21206+	1	6.08077+	1	1.21311+	1	57	3	2 2056
6.08370+	1	1.21487+	1	6.08663+	1	1.21726+	1	6.08930+	1	1.21992+	1	57	3	2 2057
6.08989+	1	1.22051+	1	6.09414+	1	1.22528+	1	6.09833+	1	1.23018+	1	57	3	2 2058
6.10253+	1	1.23486+	1	6.10679+	1	1.23887+	1	6.11007+	1	1.24151+	1	57	3	2 2059
6.11300+	1	1.24332+	1	6.11593+	1	1.24455+	1	6.11921+	1	1.24518+	1	57	3	2 2060
6.12347+	1	1.24478+	1	6.12560+	1	1.24380+	1	6.12892+	1	1.24227+	1	57	3	2 2061
6.13854+	1	1.23317+	1	6.14605+	1	1.22336+	1	6.15183+	1	1.21522+	1	57	3	2 2062
6.15700+	1	1.20801+	1	6.16190+	1	1.20152+	1	6.16217+	1	1.20116+	1	57	3	2 2063
6.16795+	1	1.19411+	1	6.17350+	1	1.18785+	1	6.17905+	1	1.18223+	1	57	3	2 2064
6.18483+	1	1.17677+	1	6.19000+	1	1.17212+	1	6.19517+	1	1.16763+	1	57	3	2 2065
6.20095+	1	1.16278+	1	6.20846+	1	1.15671+	1	6.21676+	1	1.15018+	1	57	3	2 2066
6.21810+	1	1.14928+	1	6.22398+	1	1.13932+	1	6.22900+	1	1.13109+	1	57	3	2 2067
6.23050+	1	1.13085+	1	6.23551+	1	1.12998+	1	6.24000+	1	1.12937+	1	57	3	2 2068
6.24449+	1	1.12866+	1	6.24950+	1	1.12761+	1	6.25440+	1	1.12617+	1	57	3	2 2069
6.25602+	1	1.12631+	1	6.27260+	1	1.12422+	1	6.27565+	1	1.12055+	1	57	3	2 2070
6.27727+	1	1.11840+	1	6.27835+	1	1.11696+	1	6.29137+	1	1.09984+	1	57	3	2 2071
6.29570+	1	1.09453+	1	6.29902+	1	1.09055+	1	6.30200+	1	1.08712+	1	57	3	2 2072
6.30498+	1	1.08382+	1	6.30830+	1	1.08031+	1	6.31263+	1	1.07603+	1	57	3	2 2073
6.31698+	1	1.07208+	1	6.32135+	1	1.06851+	1	6.32568+	1	1.06538+	1	57	3	2 2074
6.32901+	1	1.06329+	1	6.33200+	1	1.06165+	1	6.33499+	1	1.06024+	1	57	3	2 2075
6.33832+	1	1.05870+	1	6.34265+	1	1.05731+	1	6.34421+	1	1.05691+	1	57	3	2 2076
6.34738+	1	1.05624+	1	6.35617+	1	1.05495+	1	6.36294+	1	1.05418+	1	57	3	2 2077
6.36900+	1	1.05328+	1	6.37410+	1	1.05248+	1	6.37506+	1	1.05230+	1	57	3	2 2078
6.38183+	1	1.05212+	1	6.39062+	1	1.05793+	1	6.39230+	1	1.06441+	1	57	3	2 2079
6.40320+	1	1.11075+	1	6.40976+	1	1.13422+	1	6.41410+	1	1.16603+	1	57	3	2 2080
6.41926+	1	1.19045+	1	6.42363+	1	1.21332+	1	6.42490+	1	1.21939+	1	57	3	2 2081
6.42699+	1	1.23587+	1	6.43000+	1	1.25729+	1	6.43220+	1	1.27069+	1	57	3	2 2082
6.43301+	1	1.27889+	1	6.43637+	1	1.30842+	1	6.44074+	1	1.33876+	1	57	3	2 2083
6.44310+	1	1.34538+	1	6.45389+	1	1.35703+	1	6.45400+	1	1.35674+	1	57	3	2 2084
6.46367+	1	1.31917+	1	6.46490+	1	1.31376+	1	6.47210+	1	1.27925+	1	57	3	2 2085
6.47637+	1	1.25810+	1	6.49020+	1	1.21044+	1	6.49416+	1	1.19625+	1	57	3	2 2086
6.50457+	1	1.17253+	1	6.51510+	1	1.15350+	1	6.52650+	1	1.13585+	1	57	3	2 2087
6.53309+	1	1.12475+	1	6.54470+	1	1.10963+	1	6.54594+	1	1.10747+	1	57	3	2 2088
6.55584+	1	1.09690+	1	6.56280+	1	1.09630+	1	6.56914+	1	1.09176+	1	57	3	2 2089
6.57356+	1	1.09128+	1	6.57696+	1	1.09133+	1	6.57730+	1	1.09134+	1	57	3	2 2090
6.58000+	1	1.09605+	1	6.58304+	1	1.10119+	1	6.58644+	1	1.10649+	1	57	3	2 2091
6.58820+	1	1.10883+	1	6.59086+	1	1.11309+	1	6.59910+	1	1.12131+	1	57	3	2 2092
6.60416+	1	1.12310+	1	6.61000+	1	1.12219+	1	6.61003+	1	1.12217+	1	57	3	2 2093
6.61593+	1	1.11980+	1	6.61720+	1	1.12005+	1	6.62929+	1	1.10767+	1	57	3	2 2094
6.63373+	1	1.10600+	1	6.63540+	1	1.10568+	1	6.63714+	1	1.10870+	1	57	3	2 2095
6.64020+	1	1.11423+	1	6.64326+	1	1.11972+	1	6.64630+	1	1.12490+	1	57	3	2 2096
6.64667+	1	1.12530+	1	6.65111+	1	1.12912+	1	6.65710+	1	1.12966+	1	57	3	2 2097
6.66447+	1	1.13857+	1	6.67442+	1	1.14041+	1	6.68232+	1	1.13842+	1	57	3	2 2098
6.68250+	1	1.13836+	1	6.69027+	1	1.12750+	1	6.70027+	1	1.11512+	1	57	3	2 2099
6.71372+	1	1.10355+	1	6.71819+	1	1.10089+	1	6.72162+	1	1.09913+	1	57	3	2 2100
6.72470+	1	1.09758+	1	6.72778+	1	1.09621+	1	6.73121+	1	1.09471+	1	57	3	2 2101
6.73568+	1	1.09261+	1	6.74913+	1	1.08510+	1	6.75913+	1	1.07771+	1	57	3	2 2102
6.76240+	1	1.07490+	1	6.77212+	1	1.06618+	1	6.78050+	1	1.05818+	1	57	3	2 2103
6.78409+	1	1.05516+	1	6.79616+	1	1.04472+	1	6.80926+	1	1.03343+	1	57	3	2 2104
6.81680+	1	1.02732+	1	6.81936+	1	1.02550+	1	6.83292+	1	1.01802+	1	57	3	2 2105

6.83743+	1	1.01528+	1	6.84090+	1	1.01379+	1	6.84400+	1	1.01263+	1	57	3	2 2106
6.84710+	1	1.01147+	1	6.84850+	1	1.01093+	1	6.84989+	1	1.01038+	1	57	3	2 2107
6.85300+	1	1.00906+	1	6.85611+	1	1.00755+	1	6.85957+	1	1.00561+	1	57	3	2 2108
6.86408+	1	1.00260+	1	6.87766+	1	9.90002+	0	6.88776+	1	9.77922+	0	57	3	2 2109
6.89104+	1	9.74719+	0	6.89435+	1	9.71957+	0	6.90450+	1	9.67965+	0	57	3	2 2110
6.91816+	1	9.76259+	0	6.92269+	1	9.81847+	0	6.92618+	1	9.86544+	0	57	3	2 2111
6.92930+	1	9.90748+	0	6.93242+	1	9.94454+	0	6.93591+	1	9.98218+	0	57	3	2 2112
6.94000+	1	1.00130+	1	6.94044+	1	1.00105+	1	6.95410+	1	9.77776+	0	57	3	2 2113
6.96190+	1	9.52364+	0	6.96425+	1	9.47354+	0	6.97744+	1	9.04729+	0	57	3	2 2114
6.98000+	1	8.95525+	0	6.98463+	1	8.80531+	0	6.99187+	1	8.60114+	0	57	3	2 2115
7.00000+	1	8.52028+	0	7.00517+	1	8.59486+	0	7.01541+	1	9.13725+	0	57	3	2 2116
7.01810+	1	9.41286+	0	7.02917+	1	1.11468+	1	7.03374+	1	1.20037+	1	57	3	2 2117
7.03630+	1	1.25043+	1	7.03725+	1	1.24628+	1	7.04040+	1	1.23358+	1	57	3	2 2118
7.04355+	1	1.22108+	1	7.04706+	1	1.20646+	1	7.05163+	1	1.18504+	1	57	3	2 2119
7.05440+	1	1.16907+	1	7.05768+	1	1.18106+	1	7.06374+	1	1.19365+	1	57	3	2 2120
7.06832+	1	1.19594+	1	7.07184+	1	1.19333+	1	7.07260+	1	1.19198+	1	57	3	2 2121
7.07500+	1	1.21814+	1	7.07816+	1	1.24936+	1	7.08168+	1	1.28042+	1	57	3	2 2122
7.08626+	1	1.31482+	1	7.09070+	1	1.33595+	1	7.10005+	1	1.35189+	1	57	3	2 2123
7.10880+	1	1.34273+	1	7.11032+	1	1.33694+	1	7.11787+	1	1.30073+	1	57	3	2 2124
7.12547+	1	1.26362+	1	7.12700+	1	1.25687+	1	7.13579+	1	1.20317+	1	57	3	2 2125
7.14967+	1	1.13473+	1	7.15428+	1	1.11530+	1	7.15600+	1	1.10849+	1	57	3	2 2126
7.15782+	1	1.10460+	1	7.16100+	1	1.09818+	1	7.16418+	1	1.09196+	1	57	3	2 2127
7.16772+	1	1.08468+	1	7.17233+	1	1.07586+	1	7.18140+	1	1.05902+	1	57	3	2 2128
7.18621+	1	1.04634+	1	7.19230+	1	1.03649+	1	7.19653+	1	1.02686+	1	57	3	2 2129
7.19950+	1	1.02442+	1	7.19989+	1	1.02389+	1	7.20327+	1	1.02280+	1	57	3	2 2130
7.20680+	1	1.03089+	1	7.21040+	1	1.03843+	1	7.21366+	1	1.04227+	1	57	3	2 2131
7.21770+	1	1.06581+	1	7.22741+	1	1.12738+	1	7.23220+	1	1.16540+	1	57	3	2 2132
7.23224+	1	1.16606+	1	7.23581+	1	1.22046+	1	7.23900+	1	1.26764+	1	57	3	2 2133
7.24219+	1	1.31220+	1	7.24576+	1	1.35765+	1	7.25030+	1	1.40737+	1	57	3	2 2134
7.25039+	1	1.40782+	1	7.26375+	1	1.41584+	1	7.26850+	1	1.39454+	1	57	3	2 2135
7.27210+	1	1.36716+	1	7.27846+	1	1.32174+	1	7.28300+	1	1.28322+	1	57	3	2 2136
7.28356+	1	1.27970+	1	7.28748+	1	1.25512+	1	7.29020+	1	1.23863+	1	57	3	2 2137
7.29100+	1	1.23555+	1	7.29452+	1	1.22294+	1	7.29750+	1	1.21320+	1	57	3	2 2138
7.29844+	1	1.21102+	1	7.30354+	1	1.20121+	1	7.30840+	1	1.19509+	1	57	3	2 2139
7.31891+	1	1.17647+	1	7.32650+	1	1.16677+	1	7.33035+	1	1.15808+	1	57	3	2 2140
7.34519+	1	1.12648+	1	7.36280+	1	1.08821+	1	7.36597+	1	1.08030+	1	57	3	2 2141
7.37604+	1	1.05364+	1	7.38100+	1	1.03986+	1	7.38532+	1	1.02710+	1	57	3	2 2142
7.39910+	1	9.93519+	0	7.40447+	1	9.80343+	0	7.41815+	1	9.90265+	0	57	3	2 2143
7.42868+	1	1.05020+	1	7.44260+	1	1.19992+	1	7.44284+	1	1.20331+	1	57	3	2 2144
7.44754+	1	1.27688+	1	7.45116+	1	1.33138+	1	7.45440+	1	1.37680+	1	57	3	2 2145
7.45710+	1	1.41081+	1	7.45764+	1	1.41495+	1	7.46126+	1	1.43558+	1	57	3	2 2146
7.46596+	1	1.45039+	1	7.47890+	1	1.41481+	1	7.48012+	1	1.41126+	1	57	3	2 2147
7.48250+	1	1.39345+	1	7.48563+	1	1.37096+	1	7.48620+	1	1.36628+	1	57	3	2 2148
7.48980+	1	1.33638+	1	7.49117+	1	1.32559+	1	7.49340+	1	1.30918+	1	57	3	2 2149
7.49710+	1	1.28241+	1	7.50430+	1	1.23768+	1	7.50539+	1	1.23241+	1	57	3	2 2150
7.50790+	1	1.22507+	1	7.51011+	1	1.22028+	1	7.51375+	1	1.21639+	1	57	3	2 2151
7.51700+	1	1.21585+	1	7.51880+	1	1.21705+	1	7.52025+	1	1.20833+	1	57	3	2 2152
7.52389+	1	1.18955+	1	7.52861+	1	1.16940+	1	7.53553+	1	1.14711+	1	57	3	2 2153
7.54246+	1	1.13088+	1	7.54420+	1	1.12752+	1	7.54720+	1	1.13527+	1	57	3	2 2154
7.55084+	1	1.14494+	1	7.55410+	1	1.15335+	1	7.55736+	1	1.16080+	1	57	3	2 2155
7.55870+	1	1.16365+	1	7.56100+	1	1.17671+	1	7.56574+	1	1.19924+	1	57	3	2 2156
7.57999+	1	1.25312+	1	7.58050+	1	1.25417+	1	7.59060+	1	1.25835+	1	57	3	2 2157
7.60230+	1	1.25210+	1	7.60436+	1	1.24864+	1	7.61431+	1	1.22965+	1	57	3	2 2158
7.61680+	1	1.22532+	1	7.62433+	1	1.20524+	1	7.63821+	1	1.17268+	1	57	3	2 2159
7.64890+	1	1.15118+	1	7.66327+	1	1.12654+	1	7.66804+	1	1.11906+	1	57	3	2 2160
7.67171+	1	1.11334+	1	7.67480+	1	1.10849+	1	7.67500+	1	1.10835+	1	57	3	2 2161
7.67829+	1	1.10586+	1	7.68196+	1	1.10301+	1	7.68673+	1	1.09898+	1	57	3	2 2162
7.69660+	1	1.08986+	1	7.70110+	1	1.08295+	1	7.71110+	1	1.07055+	1	57	3	2 2163
7.71179+	1	1.06942+	1	7.71201+	1	1.06914+	1	7.71224+	1	1.06886+	1	57	3	2 2164
7.72298+	1	1.06194+	1	7.73741+	1	1.07577+	1	7.74221+	1	1.08490+	1	57	3	2 2165
7.74590+	1	1.09248+	1	7.74920+	1	1.09922+	1	7.75250+	1	1.10552+	1	57	3	2 2166
7.75619+	1	1.11165+	1	7.75620+	1	1.11166+	1	7.76099+	1	1.12384+	1	57	3	2 2167
7.76190+	1	1.12534+	1	7.77542+	1	1.13337+	1	7.78039+	1	1.13413+	1	57	3	2 2168
7.78537+	1	1.13576+	1	7.79987+	1	1.15395+	1	7.80468+	1	1.16487+	1	57	3	2 2169
7.80838+	1	1.17235+	1	7.81170+	1	1.18101+	1	7.81502+	1	1.18946+	1	57	3	2 2170
7.81872+	1	1.19813+	1	7.82353+	1	1.20732+	1	7.83000+	1	1.21043+	1	57	3	2 2171
7.83630+	1	1.22731+	1	7.83803+	1	1.22964+	1	7.84881+	1	1.22413+	1	57	3	2 2172
7.85440+	1	1.21590+	1	7.86281+	1	1.19839+	1	7.87260+	1	1.17713+	1	57	3	2 2173
7.88241+	1	1.15549+	1	7.88907+	1	1.14243+	1	7.89070+	1	1.13938+	1	57	3	2 2174
7.89578+	1	1.12901+	1	7.90880+	1	1.10438+	1	7.91558+	1	1.09123+	1	57	3	2 2175
7.92700+	1	1.07471+	1	7.92972+	1	1.06994+	1	7.94061+	1	1.06042+	1	57	3	2 2176

7.94510+	1	1.06149+	1	7.95525+	1	1.06959+	1	7.96011+	1	1.07793+	1	57	3	2 2177
7.96385+	1	1.08486+	1	7.96720+	1	1.09110+	1	7.97055+	1	1.09705+	1	57	3	2 2178
7.97429+	1	1.10302+	1	7.97915+	1	1.10925+	1	7.98140+	1	1.11022+	1	57	3	2 2179
7.99379+	1	1.11329+	1	7.99950+	1	1.11086+	1	8.00138+	1	1.10858+	1	57	3	2 2180
8.00680+	1	1.10218+	1	8.00900+	1	1.09780+	1	8.02370+	1	1.07858+	1	57	3	2 2181
8.02490+	1	1.07761+	1	8.02858+	1	1.08262+	1	8.03234+	1	1.08935+	1	57	3	2 2182
8.03570+	1	1.09566+	1	8.03906+	1	1.10195+	1	8.04282+	1	1.10841+	1	57	3	2 2183
8.04670+	1	1.11429+	1	8.04770+	1	1.11612+	1	8.06240+	1	1.12995+	1	57	3	2 2184
8.07334+	1	1.12627+	1	8.07570+	1	1.12320+	1	8.08660+	1	1.09963+	1	57	3	2 2185
8.08754+	1	1.09751+	1	8.08937+	1	1.09364+	1	8.09121+	1	1.08982+	1	57	3	2 2186
8.09750+	1	1.07962+	1	8.10551+	1	1.06496+	1	8.10840+	1	1.06355+	1	57	3	2 2187
8.11652+	1	1.05084+	1	8.13132+	1	1.05493+	1	8.13380+	1	1.05831+	1	57	3	2 2188
8.13623+	1	1.06576+	1	8.14001+	1	1.07832+	1	8.14340+	1	1.08970+	1	57	3	2 2189
8.14679+	1	1.10075+	1	8.15057+	1	1.11222+	1	8.15190+	1	1.11569+	1	57	3	2 2190
8.15548+	1	1.12958+	1	8.16280+	1	1.14814+	1	8.17028+	1	1.15916+	1	57	3	2 2191
8.18100+	1	1.15696+	1	8.18129+	1	1.15672+	1	8.19559+	1	1.13299+	1	57	3	2 2192
8.20000+	1	1.12500+	1	8.20001+	1	1.27100+	1	8.20008+	1	1.14165+	1	57	3	2 2193
1.15690+	2	1.16070+	1	1.48550+	2	1.19349+	1	1.90740+	2	1.18047+	1	57	3	2 2194
2.45000+	2	1.21069+	1	3.00000+	2	1.14382+	1	3.50000+	2	1.13836+	1	57	3	2 2195
4.00000+	2	1.13373+	1	4.50000+	2	1.14912+	1	5.00000+	2	1.16410+	1	57	3	2 2196
5.60000+	2	1.18331+	1	6.20000+	2	1.15243+	1	7.50000+	2	1.18304+	1	57	3	2 2197
8.00000+	2	1.18706+	1	8.30000+	2	1.15200+	1	9.00000+	2	1.14391+	1	57	3	2 2198
1.00000+	3	1.15077+	1	1.10000+	3	1.17866+	1	1.50000+	3	1.15175+	1	57	3	2 2199
1.80000+	3	1.14173+	1	2.00000+	3	1.13043+	1	2.50000+	3	1.12009+	1	57	3	2 2200
3.00000+	3	1.11764+	1	3.50000+	3	1.12000+	1	3.80000+	3	1.12089+	1	57	3	2 2201
4.50000+	3	1.11514+	1	5.00000+	3	1.10987+	1	5.50000+	3	1.10827+	1	57	3	2 2202
6.00000+	3	1.10522+	1	6.50000+	3	1.09798+	1	7.00000+	3	1.09495+	1	57	3	2 2203
7.50000+	3	1.09507+	1	8.00000+	3	1.09210+	1	8.50000+	3	1.08638+	1	57	3	2 2204
9.00000+	3	1.08611+	1	9.50000+	3	1.09950+	1	1.00000+	4	1.09212+	1	57	3	2 2205
1.25000+	4	1.08408+	1	1.30000+	4	1.08460+	1	1.32000+	4	1.08481+	1	57	3	2 2206
1.42000+	4	1.08584+	1	1.48000+	4	1.08645+	1	1.50000+	4	1.08666+	1	57	3	2 2207
1.61000+	4	1.07342+	1	1.63000+	4	1.07102+	1	1.65000+	4	1.06861+	1	57	3	2 2208
1.85000+	4	1.07481+	1	2.05000+	4	1.05692+	1	2.20000+	4	1.06892+	1	57	3	2 2209
2.25000+	4	1.06561+	1	2.33000+	4	1.06031+	1	2.35000+	4	1.05899+	1	57	3	2 2210
2.37000+	4	1.05858+	1	2.43000+	4	1.05735+	1	2.46000+	4	1.05673+	1	57	3	2 2211
2.50000+	4	1.05591+	1	2.50000+	4	1.09650+	1	2.53000+	4	1.09620+	1	57	3	2 2212
2.57000+	4	1.10610+	1	2.62000+	4	1.08360+	1	2.65000+	4	1.09710+	1	57	3	2 2213
2.72000+	4	1.08860+	1	2.75000+	4	1.07610+	1	2.83000+	4	1.07110+	1	57	3	2 2214
2.88000+	4	1.04560+	1	2.93000+	4	1.09320+	1	2.98000+	4	1.07580+	1	57	3	2 2215
3.00000+	4	1.07380+	1	3.11000+	4	1.06200+	1	3.13000+	4	1.04300+	1	57	3	2 2216
3.18000+	4	1.06540+	1	3.21000+	4	1.06290+	1	3.25000+	4	1.07380+	1	57	3	2 2217
3.28000+	4	1.06450+	1	3.42000+	4	1.05930+	1	3.45000+	4	1.06300+	1	57	3	2 2218
3.50000+	4	1.05280+	1	3.62000+	4	1.05190+	1	3.65000+	4	1.05770+	1	57	3	2 2219
3.70000+	4	1.04980+	1	3.79000+	4	1.05930+	1	3.87000+	4	1.03920+	1	57	3	2 2220
3.91000+	4	1.04160+	1	3.94000+	4	1.04650+	1	4.00000+	4	1.03220+	1	57	3	2 2221
4.04000+	4	1.02260+	1	4.10000+	4	1.03620+	1	4.15000+	4	1.05020+	1	57	3	2 2222
4.20000+	4	1.03920+	1	4.30000+	4	1.03940+	1	4.36000+	4	1.04610+	1	57	3	2 2223
4.38000+	4	1.03940+	1	4.43000+	4	1.03850+	1	4.48000+	4	1.04370+	1	57	3	2 2224
4.50000+	4	1.04640+	1	4.52000+	4	1.04920+	1	4.54000+	4	1.03950+	1	57	3	2 2225
4.60000+	4	1.03640+	1	4.62000+	4	1.02970+	1	4.65000+	4	1.02660+	1	57	3	2 2226
4.68000+	4	1.04160+	1	4.73000+	4	1.02680+	1	4.76000+	4	1.03180+	1	57	3	2 2227
4.82000+	4	1.02740+	1	4.84000+	4	1.02060+	1	4.88000+	4	1.01800+	1	57	3	2 2228
4.90000+	4	1.02020+	1	5.00000+	4	1.01810+	1	5.02000+	4	1.01760+	1	57	3	2 2229
5.06000+	4	1.02310+	1	5.09000+	4	1.01100+	1	5.12000+	4	1.01190+	1	57	3	2 2230
5.15000+	4	1.01680+	1	5.22000+	4	1.00220+	1	5.25000+	4	1.01110+	1	57	3	2 2231
5.35000+	4	1.00370+	1	5.39000+	4	1.00630+	1	5.42000+	4	1.01230+	1	57	3	2 2232
5.46000+	4	1.01000+	1	5.50000+	4	1.00090+	1	5.53000+	4	1.00460+	1	57	3	2 2233
5.57000+	4	1.00430+	1	5.61000+	4	1.00610+	1	5.67000+	4	9.97140+	0	57	3	2 2234
5.71000+	4	9.95880+	0	5.76000+	4	9.90340+	0	5.79000+	4	9.97520+	0	57	3	2 2235
5.83000+	4	9.98420+	0	5.87000+	4	1.00330+	1	5.91000+	4	9.92250+	0	57	3	2 2236
5.92000+	4	9.80980+	0	5.98000+	4	9.82370+	0	6.00000+	4	9.86250+	0	57	3	2 2237
6.03000+	4	9.92090+	0	6.12000+	4	9.86850+	0	6.15000+	4	9.92110+	0	57	3	2 2238
6.20000+	4	9.85880+	0	6.25000+	4	9.85660+	0	6.29000+	4	9.93500+	0	57	3	2 2239
6.32000+	4	9.99620+	0	6.42000+	4	9.97740+	0	6.47000+	4	9.86310+	0	57	3	2 2240
6.50000+	4	9.83210+	0	6.51000+	4	9.82170+	0	6.61000+	4	9.79280+	0	57	3	2 2241
6.65000+	4	9.83140+	0	6.70000+	4	9.77720+	0	6.74000+	4	9.80590+	0	57	3	2 2242
6.80000+	4	9.80040+	0	6.83000+	4	9.74290+	0	6.89000+	4	9.76800+	0	57	3	2 2243
6.94000+	4	9.68560+	0	7.00000+	4	9.69750+	0	7.03000+	4	9.70330+	0	57	3	2 2244
7.09000+	4	9.66830+	0	7.20000+	4	9.69110+	0	7.25000+	4	9.72880+	0	57	3	2 2245
7.31000+	4	9.70430+	0	7.37000+	4	9.73990+	0	7.41000+	4	9.70040+	0	57	3	2 2246
7.48000+	4	9.60380+	0	7.50000+	4	9.60700+	0	7.53000+	4	9.61200+	0	57	3	2 2247

7.58000+ 4	9.57030+ 0	7.65000+ 4	9.54410+ 0	7.70000+ 4	9.63260+ 0	57	3	2	2248
7.76000+ 4	9.74850+ 0	7.84000+ 4	9.73720+ 0	7.89000+ 4	9.65400+ 0	57	3	2	2249
7.94000+ 4	9.58090+ 0	8.00000+ 4	9.54520+ 0	8.07000+ 4	9.53010+ 0	57	3	2	2250
8.20000+ 4	9.52240+ 0	8.27000+ 4	9.52360+ 0	8.33000+ 4	9.53420+ 0	57	3	2	2251
8.40000+ 4	9.44830+ 0	8.47000+ 4	9.48770+ 0	8.50000+ 4	9.49360+ 0	57	3	2	2252
8.53000+ 4	9.49950+ 0	8.61000+ 4	9.56220+ 0	8.68000+ 4	9.57210+ 0	57	3	2	2253
8.75000+ 4	9.54210+ 0	8.83000+ 4	9.39290+ 0	8.90000+ 4	9.42620+ 0	57	3	2	2254
9.00000+ 4	9.41780+ 0	9.03000+ 4	9.41710+ 0	9.12000+ 4	9.45140+ 0	57	3	2	2255
9.28000+ 4	9.42270+ 0	9.36000+ 4	9.36660+ 0	9.44000+ 4	9.49060+ 0	57	3	2	2256
9.50000+ 4	9.32100+ 0	9.52000+ 4	9.26470+ 0	9.60000+ 4	9.27400+ 0	57	3	2	2257
9.68000+ 4	9.33330+ 0	9.77000+ 4	9.34690+ 0	9.85000+ 4	9.30150+ 0	57	3	2	2258
9.93000+ 4	9.21600+ 0	9.99000+ 4	9.22820+ 0	1.00000+ 5	9.32190+ 0	57	3	2	2259
1.03000+ 5	9.25910+ 0	1.20000+ 5	8.99720+ 0	1.35000+ 5	8.79290+ 0	57	3	2	2260
1.40000+ 5	8.72760+ 0	1.50000+ 5	8.59200+ 0	1.60000+ 5	8.45890+ 0	57	3	2	2261
1.73000+ 5	8.30180+ 0	1.80000+ 5	8.22150+ 0	2.00000+ 5	7.98800+ 0	57	3	2	2262
2.07000+ 5	7.89850+ 0	2.15000+ 5	7.79930+ 0	2.20000+ 5	7.73970+ 0	57	3	2	2263
2.25000+ 5	7.68130+ 0	2.35000+ 5	7.56300+ 0	2.40000+ 5	7.49480+ 0	57	3	2	2264
2.50000+ 5	7.36030+ 0	2.60000+ 5	7.23430+ 0	2.70000+ 5	7.11120+ 0	57	3	2	2265
2.80000+ 5	6.99530+ 0	3.00000+ 5	6.78180+ 0	3.20000+ 5	6.60400+ 0	57	3	2	2266
3.25000+ 5	6.56100+ 0	3.40000+ 5	6.41470+ 0	3.50000+ 5	6.32620+ 0	57	3	2	2267
3.60000+ 5	6.23810+ 0	3.80000+ 5	6.07960+ 0	4.00000+ 5	5.92830+ 0	57	3	2	2268
4.20000+ 5	5.77700+ 0	4.40000+ 5	5.63090+ 0	4.50000+ 5	5.56130+ 0	57	3	2	2269
4.60000+ 5	5.50230+ 0	4.70000+ 5	5.44600+ 0	4.80000+ 5	5.39060+ 0	57	3	2	2270
5.00000+ 5	5.28240+ 0	5.20000+ 5	5.18850+ 0	5.40000+ 5	5.09810+ 0	57	3	2	2271
5.50000+ 5	5.05390+ 0	5.60000+ 5	5.00670+ 0	5.70000+ 5	4.96040+ 0	57	3	2	2272
5.80000+ 5	4.91480+ 0	6.00000+ 5	4.82550+ 0	6.20000+ 5	4.74780+ 0	57	3	2	2273
6.40000+ 5	4.67110+ 0	6.50000+ 5	4.63320+ 0	6.60000+ 5	4.60540+ 0	57	3	2	2274
6.70000+ 5	4.57780+ 0	6.80000+ 5	4.55100+ 0	7.00000+ 5	4.49810+ 0	57	3	2	2275
7.20000+ 5	4.46160+ 0	7.30000+ 5	4.44360+ 0	7.40000+ 5	4.42460+ 0	57	3	2	2276
7.50000+ 5	4.40580+ 0	7.60000+ 5	4.38430+ 0	7.70000+ 5	4.36300+ 0	57	3	2	2277
7.75000+ 5	4.35280+ 0	7.80000+ 5	4.34250+ 0	8.00000+ 5	4.30220+ 0	57	3	2	2278
8.20000+ 5	4.26320+ 0	8.40000+ 5	4.22540+ 0	8.50000+ 5	4.21160+ 0	57	3	2	2279
8.60000+ 5	4.18740+ 0	8.80000+ 5	4.14900+ 0	9.00000+ 5	4.11140+ 0	57	3	2	2280
9.20000+ 5	4.08260+ 0	9.40000+ 5	4.05450+ 0	9.50000+ 5	4.04070+ 0	57	3	2	2281
9.60000+ 5	4.02070+ 0	9.70000+ 5	4.00090+ 0	9.80000+ 5	3.98490+ 0	57	3	2	2282
1.00000+ 6	3.95320+ 0	1.05000+ 6	3.94450+ 0	1.10000+ 6	3.93510+ 0	57	3	2	2283
1.15000+ 6	3.92490+ 0	1.20000+ 6	3.91410+ 0	1.25000+ 6	3.90450+ 0	57	3	2	2284
1.29500+ 6	3.89540+ 0	1.30000+ 6	3.89440+ 0	1.35000+ 6	3.88350+ 0	57	3	2	2285
1.40000+ 6	3.87230+ 0	1.45000+ 6	3.85710+ 0	1.49500+ 6	3.84330+ 0	57	3	2	2286
1.50000+ 6	3.84180+ 0	1.60000+ 6	3.86000+ 0	1.70000+ 6	3.87120+ 0	57	3	2	2287
1.80000+ 6	3.88420+ 0	1.90000+ 6	3.90040+ 0	2.00000+ 6	3.91770+ 0	57	3	2	2288
2.10000+ 6	3.99370+ 0	2.20000+ 6	4.06800+ 0	2.30000+ 6	4.14680+ 0	57	3	2	2289
2.40000+ 6	4.22470+ 0	2.50000+ 6	4.39680+ 0	2.60000+ 6	4.44610+ 0	57	3	2	2290
2.70000+ 6	4.51440+ 0	2.80000+ 6	4.59850+ 0	2.90000+ 6	4.69070+ 0	57	3	2	2291
3.00000+ 6	4.77660+ 0	3.10000+ 6	4.85490+ 0	3.20000+ 6	4.90300+ 0	57	3	2	2292
3.30000+ 6	4.93250+ 0	3.40000+ 6	4.94740+ 0	3.50000+ 6	4.95190+ 0	57	3	2	2293
3.60000+ 6	4.95020+ 0	3.70000+ 6	4.94660+ 0	3.80000+ 6	4.94660+ 0	57	3	2	2294
3.90000+ 6	4.94750+ 0	4.00000+ 6	4.94750+ 0	4.10000+ 6	4.94460+ 0	57	3	2	2295
4.20000+ 6	4.93890+ 0	4.30000+ 6	4.92940+ 0	4.40000+ 6	4.91490+ 0	57	3	2	2296
4.50000+ 6	4.89410+ 0	4.60000+ 6	4.86880+ 0	4.70000+ 6	4.83670+ 0	57	3	2	2297
4.80000+ 6	4.80110+ 0	4.90000+ 6	4.76310+ 0	5.00000+ 6	4.72220+ 0	57	3	2	2298
5.10000+ 6	4.69410+ 0	5.20000+ 6	4.66400+ 0	5.25000+ 6	4.64670+ 0	57	3	2	2299
5.30000+ 6	4.61900+ 0	5.40000+ 6	4.56270+ 0	5.50000+ 6	4.50470+ 0	57	3	2	2300
5.60000+ 6	4.46160+ 0	5.70000+ 6	4.41560+ 0	5.80000+ 6	4.36620+ 0	57	3	2	2301
5.90000+ 6	4.31790+ 0	6.00000+ 6	4.26640+ 0	6.10000+ 6	4.23890+ 0	57	3	2	2302
6.20000+ 6	4.20230+ 0	6.30000+ 6	4.15430+ 0	6.40000+ 6	4.09690+ 0	57	3	2	2303
6.50000+ 6	4.03500+ 0	6.60000+ 6	3.96990+ 0	6.70000+ 6	3.91010+ 0	57	3	2	2304
6.80000+ 6	3.85390+ 0	6.90000+ 6	3.80240+ 0	7.00000+ 6	3.76350+ 0	57	3	2	2305
7.10000+ 6	3.71360+ 0	7.20000+ 6	3.65740+ 0	7.30000+ 6	3.62150+ 0	57	3	2	2306
7.40000+ 6	3.57980+ 0	7.50000+ 6	3.53940+ 0	7.60000+ 6	3.50280+ 0	57	3	2	2307
7.65000+ 6	3.48260+ 0	7.70000+ 6	3.45670+ 0	7.80000+ 6	3.41950+ 0	57	3	2	2308
7.90000+ 6	3.38190+ 0	8.00000+ 6	3.35660+ 0	8.20000+ 6	3.29330+ 0	57	3	2	2309
8.40000+ 6	3.24710+ 0	8.50000+ 6	3.22920+ 0	8.60000+ 6	3.20550+ 0	57	3	2	2310
8.80000+ 6	3.16820+ 0	9.00000+ 6	3.14200+ 0	9.20000+ 6	3.12050+ 0	57	3	2	2311
9.40000+ 6	3.10740+ 0	9.50000+ 6	3.10220+ 0	9.60000+ 6	3.08530+ 0	57	3	2	2312
9.80000+ 6	3.05630+ 0	1.00000+ 7	3.02680+ 0	1.05000+ 7	2.97350+ 0	57	3	2	2313
1.10000+ 7	2.92220+ 0	1.15000+ 7	2.94650+ 0	1.19000+ 7	2.97330+ 0	57	3	2	2314
1.20000+ 7	2.98330+ 0	1.25000+ 7	3.01270+ 0	1.30000+ 7	2.98390+ 0	57	3	2	2315
1.35000+ 7	3.05224+ 0	1.40000+ 7	3.14400+ 0	1.45000+ 7	3.18300+ 0	57	3	2	2316

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1.50000+ 7 3.25300+ 0                                                   57 3  2 2317
                                                                        57 3  0 2318
9.22350+ 4 2.33025+ 2          0          0          0          0      57 3  2 2319
0.         0.                  0          0          1          4      57 3  2 2320
         4          2          0          0          0          0      57 3  2 2321
1.0000E+03 1.0000E+01          0          0          1         56      57 3  2 2322
        56          2          0          0          0          0      57 3  2 2323
8.20008+ 1 1.11800+ 1 1.15690+ 2 1.13400+ 1 1.48550+ 2 1.16577+ 1      57 3  2 2324
1.90740+ 2 1.16516+ 1 2.45000+ 2 1.23780+ 1 3.00000+ 2 1.13954+ 1      57 3  2 2325
3.50000+ 2 1.13541+ 1 4.00000+ 2 1.13203+ 1 4.50000+ 2 1.15435+ 1      57 3  2 2326
5.00000+ 2 1.18181+ 1 5.60000+ 2 1.21318+ 1 6.20000+ 2 1.16168+ 1      57 3  2 2327
7.50000+ 2 1.20417+ 1 8.00000+ 2 1.20928+ 1 8.30000+ 2 1.16013+ 1      57 3  2 2328
9.00000+ 2 1.15046+ 1 1.00000+ 3 1.16041+ 1 1.10000+ 3 1.20055+ 1      57 3  2 2329
1.50000+ 3 1.16842+ 1 1.80000+ 3 1.15594+ 1 2.00000+ 3 1.14089+ 1      57 3  2 2330
2.50000+ 3 1.12832+ 1 3.00000+ 3 1.12560+ 1 3.50000+ 3 1.12910+ 1      57 3  2 2331
3.80000+ 3 1.13046+ 1 4.50000+ 3 1.12323+ 1 5.00000+ 3 1.11662+ 1      57 3  2 2332
5.50000+ 3 1.11477+ 1 6.00000+ 3 1.11107+ 1 6.50000+ 3 1.10220+ 1      57 3  2 2333
7.00000+ 3 1.09863+ 1 7.50000+ 3 1.09891+ 1 8.00000+ 3 1.09544+ 1      57 3  2 2334
8.50000+ 3 1.08870+ 1 9.00000+ 3 1.08847+ 1 9.50000+ 3 1.10477+ 1      57 3  2 2335
1.00000+ 4 1.09583+ 1 1.25000+ 4 1.08667+ 1 1.30000+ 4 1.08736+ 1      57 3  2 2336
1.32000+ 4 1.08764+ 1 1.42000+ 4 1.08902+ 1 1.48000+ 4 1.08984+ 1      57 3  2 2337
1.50000+ 4 1.09012+ 1 1.61000+ 4 1.07495+ 1 1.63000+ 4 1.07219+ 1      57 3  2 2338
1.65000+ 4 1.06943+ 1 1.85000+ 4 1.07671+ 1 2.05000+ 4 1.05695+ 1      57 3  2 2339
2.20000+ 4 1.07037+ 1 2.25000+ 4 1.06658+ 1 2.33000+ 4 1.06052+ 1      57 3  2 2340
2.35000+ 4 1.05900+ 1 2.37000+ 4 1.05860+ 1 2.43000+ 4 1.05740+ 1      57 3  2 2341
2.46000+ 4 1.05680+ 1 2.50000+ 4 1.05600+ 1 0.00000+ 0 0.00000+ 0      57 3  2 2342
1.0000E+03 1.0000E+02          0          0          1         56      57 3  2 2343
        56          2          0          0          0          0      57 3  2 2344
8.20008+ 1 1.12500+ 1 1.15690+ 2 1.14299+ 1 1.48550+ 2 1.17090+ 1      57 3  2 2345
1.90740+ 2 1.16462+ 1 2.45000+ 2 1.19308+ 1 3.00000+ 2 1.13799+ 1      57 3  2 2346
3.50000+ 2 1.13402+ 1 4.00000+ 2 1.13041+ 1 4.50000+ 2 1.14522+ 1      57 3  2 2347
5.00000+ 2 1.15982+ 1 5.60000+ 2 1.17882+ 1 6.20000+ 2 1.15002+ 1      57 3  2 2348
7.50000+ 2 1.18068+ 1 8.00000+ 2 1.18499+ 1 8.30000+ 2 1.15081+ 1      57 3  2 2349
9.00000+ 2 1.14310+ 1 1.00000+ 3 1.15015+ 1 1.10000+ 3 1.17818+ 1      57 3  2 2350
1.50000+ 3 1.15204+ 1 1.80000+ 3 1.14219+ 1 2.00000+ 3 1.13085+ 1      57 3  2 2351
2.50000+ 3 1.12053+ 1 3.00000+ 3 1.11813+ 1 3.50000+ 3 1.12059+ 1      57 3  2 2352
3.80000+ 3 1.12153+ 1 4.50000+ 3 1.11571+ 1 5.00000+ 3 1.11037+ 1      57 3  2 2353
5.50000+ 3 1.10876+ 1 6.00000+ 3 1.10567+ 1 6.50000+ 3 1.09831+ 1      57 3  2 2354
7.00000+ 3 1.09524+ 1 7.50000+ 3 1.09538+ 1 8.00000+ 3 1.09237+ 1      57 3  2 2355
8.50000+ 3 1.08657+ 1 9.00000+ 3 1.08630+ 1 9.50000+ 3 1.09993+ 1      57 3  2 2356
1.00000+ 4 1.09242+ 1 1.25000+ 4 1.08430+ 1 1.30000+ 4 1.08483+ 1      57 3  2 2357
1.32000+ 4 1.08504+ 1 1.42000+ 4 1.08610+ 1 1.48000+ 4 1.08674+ 1      57 3  2 2358
1.50000+ 4 1.08695+ 1 1.61000+ 4 1.07355+ 1 1.63000+ 4 1.07112+ 1      57 3  2 2359
1.65000+ 4 1.06868+ 1 1.85000+ 4 1.07497+ 1 2.05000+ 4 1.05692+ 1      57 3  2 2360
2.20000+ 4 1.06905+ 1 2.25000+ 4 1.06570+ 1 2.33000+ 4 1.06034+ 1      57 3  2 2361
2.35000+ 4 1.05900+ 1 2.37000+ 4 1.05860+ 1 2.43000+ 4 1.05740+ 1      57 3  2 2362
2.46000+ 4 1.05680+ 1 2.50000+ 4 1.05600+ 1 0.00000+ 0 0.00000+ 0      57 3  2 2363
1.0000E+03 1.0000E+03          0          0          1         56      57 3  2 2364
        56          2          0          0          0          0      57 3  2 2365
8.20008+ 1 1.13900+ 1 1.15690+ 2 1.15799+ 1 1.48550+ 2 1.18973+ 1      57 3  2 2366
1.90740+ 2 1.17800+ 1 2.45000+ 2 1.20788+ 1 3.00000+ 2 1.14302+ 1      57 3  2 2367
3.50000+ 2 1.13779+ 1 4.00000+ 2 1.13330+ 1 4.50000+ 2 1.14860+ 1      57 3  2 2368
5.00000+ 2 1.16351+ 1 5.60000+ 2 1.18267+ 1 6.20000+ 2 1.15212+ 1      57 3  2 2369
7.50000+ 2 1.18272+ 1 8.00000+ 2 1.18677+ 1 8.30000+ 2 1.15185+ 1      57 3  2 2370
9.00000+ 2 1.14381+ 1 1.00000+ 3 1.15098+ 1 1.10000+ 3 1.17857+ 1      57 3  2 2371
1.50000+ 3 1.15176+ 1 1.80000+ 3 1.14177+ 1 2.00000+ 3 1.13046+ 1      57 3  2 2372
2.50000+ 3 1.12013+ 1 3.00000+ 3 1.11769+ 1 3.50000+ 3 1.12006+ 1      57 3  2 2373
3.80000+ 3 1.12095+ 1 4.50000+ 3 1.11519+ 1 5.00000+ 3 1.10992+ 1      57 3  2 2374
5.50000+ 3 1.10832+ 1 6.00000+ 3 1.10527+ 1 6.50000+ 3 1.09801+ 1      57 3  2 2375
7.00000+ 3 1.09498+ 1 7.50000+ 3 1.09510+ 1 8.00000+ 3 1.09213+ 1      57 3  2 2376
8.50000+ 3 1.08640+ 1 9.00000+ 3 1.08613+ 1 9.50000+ 3 1.09954+ 1      57 3  2 2377
1.00000+ 4 1.09215+ 1 1.25000+ 4 1.08410+ 1 1.30000+ 4 1.08462+ 1      57 3  2 2378
1.32000+ 4 1.08483+ 1 1.42000+ 4 1.08586+ 1 1.48000+ 4 1.08648+ 1      57 3  2 2379
1.50000+ 4 1.08669+ 1 1.61000+ 4 1.07344+ 1 1.63000+ 4 1.07103+ 1      57 3  2 2380
1.65000+ 4 1.06862+ 1 1.85000+ 4 1.07482+ 1 2.05000+ 4 1.05692+ 1      57 3  2 2381
2.20000+ 4 1.06893+ 1 2.25000+ 4 1.06562+ 1 2.33000+ 4 1.06032+ 1      57 3  2 2382
2.35000+ 4 1.05900+ 1 2.37000+ 4 1.05860+ 1 2.43000+ 4 1.05740+ 1      57 3  2 2383
2.46000+ 4 1.05680+ 1 2.50000+ 4 1.05600+ 1 0.00000+ 0 0.00000+ 0      57 3  2 2384
1.0000E+03 1.0000E+04          0          0          1         56      57 3  2 2385
        56          2          0          0          0          0      57 3  2 2386
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8.20008+ 1 1.14100+ 1 1.15690+ 2 1.15999+ 1 1.48550+ 2 1.19312+ 1   57 3  2 2387
1.90740+ 2 1.18023+ 1 2.45000+ 2 1.21042+ 1 3.00000+ 2 1.14374+ 1   57 3  2 2388
3.50000+ 2 1.13831+ 1 4.00000+ 2 1.13369+ 1 4.50000+ 2 1.14907+ 1   57 3  2 2389
5.00000+ 2 1.16404+ 1 5.60000+ 2 1.18325+ 1 6.20000+ 2 1.15241+ 1   57 3  2 2390
7.50000+ 2 1.18301+ 1 8.00000+ 2 1.18703+ 1 8.30000+ 2 1.15199+ 1   57 3  2 2391
9.00000+ 2 1.14390+ 1 1.00000+ 3 1.15076+ 1 1.10000+ 3 1.17865+ 1   57 3  2 2392
1.50000+ 3 1.15175+ 1 1.80000+ 3 1.14173+ 1 2.00000+ 3 1.13043+ 1   57 3  2 2393
2.50000+ 3 1.12009+ 1 3.00000+ 3 1.11765+ 1 3.50000+ 3 1.12001+ 1   57 3  2 2394
3.80000+ 3 1.12089+ 1 4.50000+ 3 1.11514+ 1 5.00000+ 3 1.10987+ 1   57 3  2 2395
5.50000+ 3 1.10828+ 1 6.00000+ 3 1.10523+ 1 6.50000+ 3 1.09798+ 1   57 3  2 2396
7.00000+ 3 1.09495+ 1 7.50000+ 3 1.09507+ 1 8.00000+ 3 1.09211+ 1   57 3  2 2397
8.50000+ 3 1.08638+ 1 9.00000+ 3 1.08611+ 1 9.50000+ 3 1.09951+ 1   57 3  2 2398
1.00000+ 4 1.09212+ 1 1.25000+ 4 1.08408+ 1 1.30000+ 4 1.08460+ 1   57 3  2 2399
1.32000+ 4 1.08481+ 1 1.42000+ 4 1.08584+ 1 1.48000+ 4 1.08645+ 1   57 3  2 2400
1.50000+ 4 1.08666+ 1 1.61000+ 4 1.07342+ 1 1.63000+ 4 1.07102+ 1   57 3  2 2401
1.65000+ 4 1.06861+ 1 1.85000+ 4 1.07481+ 1 2.05000+ 4 1.05692+ 1   57 3  2 2402
2.20000+ 4 1.06892+ 1 2.25000+ 4 1.06561+ 1 2.33000+ 4 1.06032+ 1   57 3  2 2403
2.35000+ 4 1.05900+ 1 2.37000+ 4 1.05860+ 1 2.43000+ 4 1.05740+ 1   57 3  2 2404
2.46000+ 4 1.05680+ 1 2.50000+ 4 1.05600+ 1 0.00000+ 0 0.00000+ 0   57 3  2 2405
0.         0.                  0          0          0          0   57 3  0 2406
9.22350+ 4 2.33025+ 2          0         99          0          0   57 3  4 2407
0.00000+ 0-1.29400+ 4          0          0          1        333   57 3  4 2408
       333         2                                                 57 3  4 2409
1.30000+ 4 1.00000- 5 1.32000+ 4 2.16220- 4 1.42000+ 4 1.29730- 3   57 3  4 2410
1.48000+ 4 1.94590- 3 1.50000+ 4 2.16220- 3 1.61000+ 4 3.35130- 3   57 3  4 2411
1.63000+ 4 3.56760- 3 1.65000+ 4 3.78380- 3 1.85000+ 4 5.94590- 3   57 3  4 2412
2.05000+ 4 8.10810- 3 2.20000+ 4 9.72970- 3 2.25000+ 4 1.02700- 2   57 3  4 2413
2.33000+ 4 1.11350- 2 2.35000+ 4 1.13515- 2 2.37000+ 4 1.15680- 2   57 3  4 2414
2.43000+ 4 1.22160- 2 2.46000+ 4 1.25410- 2 2.50000+ 4 1.29730- 2   57 3  4 2415
2.50000+ 4 1.29730- 2 2.53000+ 4 1.32970- 2 2.57000+ 4 1.37300- 2   57 3  4 2416
2.62000+ 4 1.42700- 2 2.65000+ 4 1.45950- 2 2.72000+ 4 1.53510- 2   57 3  4 2417
2.75000+ 4 1.56760- 2 2.83000+ 4 1.65410- 2 2.88000+ 4 1.70810- 2   57 3  4 2418
2.93000+ 4 1.76220- 2 2.98000+ 4 1.81620- 2 3.00000+ 4 1.83780- 2   57 3  4 2419
3.11000+ 4 1.95680- 2 3.13000+ 4 1.97840- 2 3.18000+ 4 2.03240- 2   57 3  4 2420
3.21000+ 4 2.06490- 2 3.25000+ 4 2.10810- 2 3.28000+ 4 2.14050- 2   57 3  4 2421
3.42000+ 4 2.29190- 2 3.45000+ 4 2.32430- 2 3.50000+ 4 2.37840- 2   57 3  4 2422
3.62000+ 4 2.50810- 2 3.65000+ 4 2.54050- 2 3.70000+ 4 2.59460- 2   57 3  4 2423
3.79000+ 4 2.69190- 2 3.87000+ 4 2.77840- 2 3.91000+ 4 2.82160- 2   57 3  4 2424
3.94000+ 4 2.85410- 2 4.00000+ 4 2.91890- 2 4.04000+ 4 2.96220- 2   57 3  4 2425
4.10000+ 4 3.02700- 2 4.15000+ 4 3.08110- 2 4.20000+ 4 3.13510- 2   57 3  4 2426
4.30000+ 4 3.24320- 2 4.36000+ 4 3.30810- 2 4.38000+ 4 3.32970- 2   57 3  4 2427
4.43000+ 4 3.38380- 2 4.48000+ 4 3.43780- 2 4.50000+ 4 3.45950- 2   57 3  4 2428
4.52000+ 4 3.48110- 2 4.54000+ 4 3.50270- 2 4.60000+ 4 3.56760- 2   57 3  4 2429
4.62000+ 4 3.58920- 2 4.65000+ 4 3.62160- 2 4.68000+ 4 3.65410- 2   57 3  4 2430
4.73000+ 4 3.70810- 2 4.76000+ 4 3.74050- 2 4.82000+ 4 3.80540- 2   57 3  4 2431
4.84000+ 4 3.82700- 2 4.88000+ 4 3.87030- 2 4.90000+ 4 3.89190- 2   57 3  4 2432
5.00000+ 4 4.00000- 2 5.02000+ 4 4.09120- 2 5.06000+ 4 4.27350- 2   57 3  4 2433
5.09000+ 4 4.41030- 2 5.12000+ 4 4.54710- 2 5.15000+ 4 4.68380- 2   57 3  4 2434
5.22000+ 4 5.00290- 2 5.25000+ 4 5.13970- 2 5.35000+ 4 5.59560- 2   57 3  4 2435
5.39000+ 4 5.77790- 2 5.42000+ 4 5.91470- 2 5.46000+ 4 6.09710- 2   57 3  4 2436
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5.61000+ 4 6.78090- 2 5.67000+ 4 7.05440- 2 5.71000+ 4 7.23680- 2   57 3  4 2438
5.76000+ 4 7.46470- 2 5.79000+ 4 7.60150- 2 5.83000+ 4 7.78380- 2   57 3  4 2439
5.87000+ 4 7.96620- 2 5.91000+ 4 8.14850- 2 5.92000+ 4 8.19410- 2   57 3  4 2440
5.98000+ 4 8.46760- 2 6.00000+ 4 8.55880- 2 6.03000+ 4 8.69560- 2   57 3  4 2441
6.12000+ 4 9.10590- 2 6.15000+ 4 9.24260- 2 6.20000+ 4 9.47060- 2   57 3  4 2442
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8.47000+ 4 2.02660- 1 8.50000+ 4 2.05940- 1 8.53000+ 4 2.09220- 1   57 3  4 2456
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1.40000+ 7 3.30000- 1 1.45000+ 7 3.20000- 1 1.50000+ 7 3.10000- 1  57 3  4 2520
                                                                   57 3  0 2521
9.22350+ 4 2.33025+ 2          0          99          0          0  57 3 16 2522
0.00000+ 0-5.23000+ 6          0           0          1         53  57 3 16 2523
        53         2                                                57 3 16 2524
5.25000+ 6 1.00000- 5 5.30000+ 6 1.00000- 2 5.40000+ 6 3.00000- 2  57 3 16 2525
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1.19000+ 7 6.10000- 1 1.20000+ 7 6.00000- 1 1.25000+ 7 5.30000- 1  57 3 16 2540
1.30000+ 7 4.10000- 1 1.35000+ 7 2.70000- 1 1.40000+ 7 1.30000- 1  57 3 16 2541
1.45000+ 7 9.00000- 2 1.50000+ 7 5.00000- 2                        57 3 16 2542
                                                                   57 3  0 2543
9.22350+ 4 2.33025+ 2          0          99          0          0 57 3 17 2544
0.00000+ 0-1.18500+ 7          0           0          1          8 57 3 17 2545
         8          2                                               57 3 17 2546
1.19000+ 7 1.00000- 5 1.20000+ 7 1.00000- 3 1.25000+ 7 1.00000- 2  57 3 17 2547
1.30000+ 7 2.00000- 2 1.35000+ 7 4.00000- 2 1.40000+ 7 6.00000- 2  57 3 17 2548
1.45000+ 7 7.00000- 2 1.50000+ 7 8.00000- 2                        57 3 17 2549
                                                                   57 3  0 2550
9.22350+ 4 2.33025+ 2          0          99          0          0 57 3 18 2551
1.00000+ 3 1.92500+ 8          0           0          1       2455 57 3 18 2552
      2455         2                                               57 3 18 2553
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7.04920- 1 5.91315+ 1 7.44920- 1 5.71389+ 1 7.84920- 1 5.57855+ 1  57 3 18 2595
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9.44920- 1 6.01990+ 1 9.84920- 1 6.46586+ 1 1.00000+ 0 6.75106+ 1  57 3 18 2597
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1.07300+	0	9.26396+	1	1.08750+	0	9.86583+	1	1.09100+	0	1.00256+	2	57	3	18	2599
1.10886+	0	1.04143+	2	1.12528+	0	1.04745+	2	1.14000+	0	1.01731+	2	57	3	18	2600
1.15472+	0	9.49169+	1	1.17114+	0	8.33459+	1	1.18200+	0	7.37326+	1	57	3	18	2601
1.19250+	0	6.52367+	1	1.20000+	0	5.94772+	1	1.21800+	0	4.85059+	1	57	3	18	2602
1.23600+	0	3.89647+	1	1.25681+	0	3.03849+	1	1.30466+	0	2.29759+	1	57	3	18	2603
1.32700+	0	2.25919+	1	1.36400+	0	1.97512+	1	1.36678+	0	1.94959+	1	57	3	18	2604
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1.78694+	0	1.52779+	1	1.79626+	0	1.52469+	1	1.79966+	0	1.52369+	1	57	3	18	2607
1.81800+	0	1.52432+	1	1.87384+	0	1.52683+	1	1.90900+	0	1.58457+	1	57	3	18	2608
1.92086+	0	1.59467+	1	1.95250+	0	1.75122+	1	1.97510+	0	1.97908+	1	57	3	18	2609
1.99251+	0	2.20408+	1	2.00000+	0	2.28876+	1	2.01590+	0	2.47469+	1	57	3	18	2610
2.02367+	0	2.52804+	1	2.02965+	0	2.55030+	1	2.03500+	0	2.55514+	1	57	3	18	2611
2.04035+	0	2.54536+	1	2.04633+	0	2.51758+	1	2.05410+	0	2.45706+	1	57	3	18	2612
2.07749+	0	2.16190+	1	2.09490+	0	1.91394+	1	2.11750+	0	1.65618+	1	57	3	18	2613
2.14914+	0	1.45745+	1	2.18200+	0	1.38499+	1	2.19616+	0	1.35384+	1	57	3	18	2614
2.21165+	0	1.33864+	1	2.27373+	0	1.30434+	1	2.36400+	0	1.29790+	1	57	3	18	2615
2.45500+	0	1.21942+	1	2.46231+	0	1.21015+	1	2.54500+	0	1.14613+	1	57	3	18	2616
2.58917+	0	1.06086+	1	2.63600+	0	1.00494+	1	2.67979+	0	9.80976+	0	57	3	18	2617
2.69100+	0	9.89129+	0	2.74500+	0	1.09910+	1	2.74961+	0	1.14443+	1	57	3	18	2618
2.80000+	0	1.75878+	1	2.81800+	0	1.90882+	1	2.84342+	0	2.02043+	1	57	3	18	2619
2.85500+	0	2.08454+	1	2.87457+	0	2.15424+	1	2.89853+	0	2.23001+	1	57	3	18	2620
2.92000+	0	2.28566+	1	2.92700+	0	2.30161+	1	2.94147+	0	2.36312+	1	57	3	18	2621
2.94500+	0	2.37982+	1	2.96543+	0	2.59624+	1	2.99658+	0	2.99564+	1	57	3	18	2622
3.01800+	0	3.45721+	1	3.05888+	0	4.09854+	1	3.07200+	0	4.39742+	1	57	3	18	2623
3.09840+	0	4.82737+	1	3.11817+	0	5.05512+	1	3.13338+	0	5.11745+	1	57	3	18	2624
3.14700+	0	5.06578+	1	3.16062+	0	4.90530+	1	3.17583+	0	4.60545+	1	57	3	18	2625
3.18200+	0	4.43716+	1	3.19560+	0	4.16829+	1	3.21800+	0	3.62740+	1	57	3	18	2626
3.25512+	0	2.81422+	1	3.27300+	0	2.57098+	1	3.29942+	0	2.22968+	1	57	3	18	2627
3.35692+	0	2.04785+	1	3.36400+	0	2.09478+	1	3.43495+	0	2.62696+	1	57	3	18	2628
3.45500+	0	3.09657+	1	3.48212+	0	3.64713+	1	3.49100+	0	4.00807+	1	57	3	18	2629
3.51687+	0	5.05950+	1	3.54365+	0	6.52731+	1	3.54500+	0	6.59682+	1	57	3	18	2630
3.57963+	0	7.80632+	1	3.58200+	0	7.84399+	1	3.59158+	0	8.09405+	1	57	3	18	2631
3.60077+	0	8.21095+	1	3.60900+	0	8.21503+	1	3.61723+	0	8.12130+	1	57	3	18	2632
3.62642+	0	7.90429+	1	3.63600+	0	7.54981+	1	3.63837+	0	7.44286+	1	57	3	18	2633
3.67435+	0	5.13340+	1	3.69100+	0	4.00645+	1	3.70113+	0	3.38735+	1	57	3	18	2634
3.72700+	0	2.16638+	1	3.73588+	0	1.82178+	1	3.78454+	0	9.09654+	0	57	3	18	2635
3.81800+	0	7.41464+	0	3.85686+	0	5.34599+	0	3.90900+	0	5.20708+	0	57	3	18	2636
3.97095+	0	4.48375+	0	4.00000+	0	4.58175+	0	4.09100+	0	4.62878+	0	57	3	18	2637
4.16256+	0	4.55567+	0	4.18200+	0	4.60832+	0	4.22739+	0	4.66389+	0	57	3	18	2638
4.29246+	0	4.80627+	0	4.36400+	0	5.07111+	0	4.48475+	0	5.05426+	0	57	3	18	2639
4.54500+	0	5.19441+	0	4.59925+	0	5.48429+	0	4.63600+	0	5.96246+	0	57	3	18	2640
4.67184+	0	6.43265+	0	4.72066+	0	8.36399+	0	4.72700+	0	8.87435+	0	57	3	18	2641
4.75554+	0	1.18028+	1	4.78200+	0	1.52558+	1	4.78242+	0	1.53156+	1	57	3	18	2642
4.80000+	0	1.77313+	1	4.81852+	0	1.95452+	1	4.83051+	0	2.02890+	1	57	3	18	2643
4.83600+	0	2.04926+	1	4.83974+	0	2.06313+	1	4.84800+	0	2.07507+	1	57	3	18	2644
4.85500+	0	2.06979+	1	4.85626+	0	2.06133+	1	4.86549+	0	1.97866+	1	57	3	18	2645
4.87748+	0	1.84133+	1	4.89100+	0	1.63806+	1	4.90900+	0	1.40347+	1	57	3	18	2646
4.91358+	0	1.35264+	1	4.94046+	0	1.03762+	1	4.94500+	0	9.97192+	0	57	3	18	2647
4.97534+	0	7.87986+	0	4.98100+	0	7.72531+	0	5.02416+	0	6.54758+	0	57	3	18	2648
5.09100+	0	6.58805+	0	5.09675+	0	6.62987+	0	5.13866+	0	7.29292+	0	57	3	18	2649
5.14500+	0	7.41421+	0	5.18200+	0	8.23582+	0	5.18327+	0	8.26658+	0	57	3	18	2650
5.26052+	0	1.05319+	1	5.27300+	0	1.09911+	1	5.30900+	0	1.22524+	1	57	3	18	2651
5.31248+	0	1.23396+	1	5.34960+	0	1.35069+	1	5.37820+	0	1.45014+	1	57	3	18	2652
5.41663+	0	1.58040+	1	5.42939+	0	1.61865+	1	5.43921+	0	1.64540+	1	57	3	18	2653
5.44800+	0	1.66716+	1	5.45679+	0	1.68672+	1	5.46661+	0	1.70590+	1	57	3	18	2654
5.46744+	0	1.70740+	1	5.53736+	0	1.77608+	1	5.54500+	0	1.77733+	1	57	3	18	2655
5.60000+	0	1.73239+	1	5.65500+	0	1.66239+	1	5.66264+	0	1.66399+	1	57	3	18	2656
5.72700+	0	1.64913+	1	5.73256+	0	1.65380+	1	5.81800+	0	1.74448+	1	57	3	18	2657
5.82346+	0	1.75153+	1	5.90900+	0	2.34994+	1	6.00000+	0	2.94452+	1	57	3	18	2658
6.04863+	0	3.17783+	1	6.09100+	0	3.87352+	1	6.12963+	0	4.46643+	1	57	3	18	2659
6.16232+	0	5.00487+	1	6.16400+	0	5.03187+	1	6.18747+	0	5.30364+	1	57	3	18	2660
6.21000+	0	5.59013+	1	6.21800+	0	5.72202+	1	6.23253+	0	6.04823+	1	57	3	18	2661
6.25500+	0	6.71928+	1	6.25768+	0	6.81263+	1	6.29037+	0	8.31775+	1	57	3	18	2662
6.29100+	0	8.34985+	1	6.33106+	0	1.02066+	2	6.34818+	0	1.07989+	2	57	3	18	2663
6.36194+	0	1.10760+	2	6.37252+	0	1.11374+	2	6.38200+	0	1.10689+	2	57	3	18	2664
6.39148+	0	1.08807+	2	6.40206+	0	1.05335+	2	6.41582+	0	9.88718+	1	57	3	18	2665
6.41800+	0	9.74187+	1	6.45500+	0	6.98826+	1	6.45725+	0	6.82493+	1	57	3	18	2666
6.48808+	0	4.53055+	1	6.49100+	0	4.36745+	1	6.52810+	0	2.51582+	1	57	3	18	2667
6.54500+	0	2.11608+	1	6.58412+	0	1.22168+	1	6.63600+	0	9.23777+	0	57	3	18	2668

6.66741+	0	7.38256+	0	6.72052+	0	6.72274+	0	6.72700+	0	6.74754+	0	57	3	18	2669
6.77646+	0	7.48038+	0	6.81800+	0	9.70980+	0	6.86416+	0	1.19927+	1	57	3	18	2670
6.92315+	0	2.21123+	1	6.96529+	0	3.64801+	1	6.98200+	0	4.39289+	1	57	3	18	2671
6.99776+	0	5.07501+	1	7.04138+	0	6.78922+	1	7.05587+	0	7.13616+	1	57	3	18	2672
7.06702+	0	7.28801+	1	7.07700+	0	7.33090+	1	7.08698+	0	7.28353+	1	57	3	18	2673
7.09813+	0	7.12668+	1	7.11262+	0	6.77319+	1	7.15624+	0	5.03863+	1	57	3	18	2674
7.18200+	0	3.91088+	1	7.18871+	0	3.59531+	1	7.23085+	0	2.05242+	1	57	3	18	2675
7.28984+	0	8.85499+	0	7.29100+	0	8.76415+	0	7.37754+	0	4.73775+	0	57	3	18	2676
7.51588+	0	3.56470+	0	7.74821+	0	3.90702+	0	7.81800+	0	4.36609+	0	57	3	18	2677
7.84976+	0	4.53388+	0	7.97215+	0	5.73946+	0	8.00000+	0	6.55837+	0	57	3	18	2678
8.18100+	0	1.22378+	1	8.25212+	0	1.46100+	1	8.36300+	0	2.79355+	1	57	3	18	2679
8.41882+	0	3.69712+	1	8.45300+	0	5.33123+	1	8.52451+	0	8.43795+	1	57	3	18	2680
8.59560+	0	1.73899+	2	8.64639+	0	2.92852+	2	8.68551+	0	4.09913+	2	57	3	18	2681
8.73808+	0	5.51174+	2	8.75554+	0	5.79824+	2	8.76897+	0	5.92498+	2	57	3	18	2682
8.78100+	0	5.96280+	2	8.79303+	0	5.92724+	2	8.80646+	0	5.80304+	2	57	3	18	2683
8.82392+	0	5.51992+	2	8.87649+	0	4.11861+	2	8.91561+	0	2.95855+	2	57	3	18	2684
8.92500+	0	2.74238+	2	8.96640+	0	1.88743+	2	9.01500+	0	1.42858+	2	57	3	18	2685
9.03749+	0	1.18437+	2	9.03990+	0	1.17103+	2	9.04219+	0	1.15895+	2	57	3	18	2686
9.05200+	0	1.13867+	2	9.10600+	0	9.74897+	1	9.10977+	0	9.55725+	1	57	3	18	2687
9.15804+	0	8.98062+	1	9.17900+	0	9.06114+	1	9.19523+	0	9.15644+	1	57	3	18	2688
9.23300+	0	9.36480+	1	9.24520+	0	9.65811+	1	9.26180+	0	9.87089+	1	57	3	18	2689
9.27456+	0	9.93343+	1	9.28600+	0	9.90681+	1	9.29744+	0	9.79954+	1	57	3	18	2690
9.30600+	0	9.65646+	1	9.31020+	0	9.58626+	1	9.32680+	0	9.17305+	1	57	3	18	2691
9.36000+	0	7.92957+	1	9.37677+	0	7.53448+	1	9.41396+	0	6.51801+	1	57	3	18	2692
9.42072+	0	6.35518+	1	9.43200+	0	6.11428+	1	9.43624+	0	5.99671+	1	57	3	18	2693
9.45100+	0	5.80100+	1	9.50500+	0	4.53550+	1	9.52162+	0	4.10739+	1	57	3	18	2694
9.54100+	0	3.97780+	1	9.63634+	0	3.33409+	1	9.67444+	0	3.22247+	1	57	3	18	2695
9.70374+	0	3.10338+	1	9.70400+	0	3.10192+	1	9.73000+	0	2.98338+	1	57	3	18	2696
9.75626+	0	2.81668+	1	9.75900+	0	2.79437+	1	9.78556+	0	2.68183+	1	57	3	18	2697
9.82366+	0	2.46202+	1	9.93838+	0	1.89291+	1	9.99500+	0	2.04340+	1	57	3	18	2698
1.00238+	1	2.09683+	1	1.00390+	1	2.20787+	1	1.00460+	1	2.26572+	1	57	3	18	2699
1.00850+	1	2.64374+	1	1.00850+	1	2.64408+	1	1.01373+	1	3.32008+	1	57	3	18	2700
1.01547+	1	3.47619+	1	1.01680+	1	3.56025+	1	1.01760+	1	3.59091+	1	57	3	18	2701
1.01800+	1	3.59373+	1	1.01920+	1	3.57369+	1	1.02053+	1	3.51845+	1	57	3	18	2702
1.02227+	1	3.39903+	1	1.02519+	1	3.10383+	1	1.02670+	1	2.99413+	1	57	3	18	2703
1.03390+	1	2.68430+	1	1.04300+	1	2.02223+	1	1.04745+	1	1.63482+	1	57	3	18	2704
1.06069+	1	1.47167+	1	1.06290+	1	1.45287+	1	1.07087+	1	1.49923+	1	57	3	18	2705
1.07200+	1	1.50051+	1	1.08000+	1	1.54042+	1	1.08110+	1	1.53872+	1	57	3	18	2706
1.08913+	1	1.48202+	1	1.09370+	1	1.42328+	1	1.09920+	1	1.41883+	1	57	3	18	2707
1.09931+	1	1.41882+	1	1.11255+	1	1.38424+	1	1.12640+	1	2.13120+	1	57	3	18	2708
1.14090+	1	2.72833+	1	1.14450+	1	2.89580+	1	1.14810+	1	3.05226+	1	57	3	18	2709
1.15242+	1	3.06600+	1	1.15540+	1	3.79981+	1	1.15593+	1	3.95237+	1	57	3	18	2710
1.15643+	1	4.10235+	1	1.16203+	1	5.63786+	1	1.16389+	1	5.95780+	1	57	3	18	2711
1.16532+	1	6.10014+	1	1.16660+	1	6.14217+	1	1.16788+	1	6.10292+	1	57	3	18	2712
1.16931+	1	5.96376+	1	1.17117+	1	5.64815+	1	1.17677+	1	4.12865+	1	57	3	18	2713
1.18094+	1	2.94864+	1	1.18620+	1	1.92528+	1	1.18635+	1	1.90699+	1	57	3	18	2714
1.18980+	1	1.92670+	1	1.19393+	1	1.75001+	1	1.20000+	1	2.04326+	1	57	3	18	2715
1.20255+	1	2.15562+	1	1.20910+	1	3.23574+	1	1.21143+	1	3.73704+	1	57	3	18	2716
1.21450+	1	5.56561+	1	1.21924+	1	7.92823+	1	1.22000+	1	8.78300+	1	57	3	18	2717
1.22482+	1	1.39857+	2	1.22911+	1	2.04489+	2	1.23489+	1	2.85181+	2	57	3	18	2718
1.23500+	1	2.86137+	2	1.23690+	1	3.02525+	2	1.23828+	1	3.10250+	2	57	3	18	2719
1.23960+	1	3.12551+	2	1.24092+	1	3.10369+	2	1.24240+	1	3.02778+	2	57	3	18	2720
1.24431+	1	2.85539+	2	1.24900+	1	2.17438+	2	1.24910+	1	2.15989+	2	57	3	18	2721
1.25009+	1	2.01639+	2	1.25438+	1	1.34801+	2	1.25440+	1	1.34623+	2	57	3	18	2722
1.25996+	1	7.21778+	1	1.26264+	1	5.38307+	1	1.26536+	1	4.15887+	1	57	3	18	2723
1.27104+	1	3.02574+	1	1.27542+	1	2.86708+	1	1.28130+	1	2.95326+	1	57	3	18	2724
1.28325+	1	2.98079+	1	1.28475+	1	2.98549+	1	1.28610+	1	2.97495+	1	57	3	18	2725
1.28745+	1	2.94948+	1	1.28895+	1	2.90368+	1	1.29090+	1	2.81859+	1	57	3	18	2726
1.29678+	1	2.46002+	1	1.30116+	1	2.20871+	1	1.30583+	1	2.06500+	1	57	3	18	2727
1.31097+	1	2.09996+	1	1.31577+	1	2.28339+	1	1.32223+	1	2.60824+	1	57	3	18	2728
1.32437+	1	2.69939+	1	1.32602+	1	2.75588+	1	1.32750+	1	2.79584+	1	57	3	18	2729
1.32898+	1	2.82484+	1	1.33063+	1	2.84527+	1	1.33277+	1	2.85486+	1	57	3	18	2730
1.33923+	1	2.83992+	1	1.34403+	1	2.89492+	1	1.34941+	1	3.13881+	1	57	3	18	2731
1.35446+	1	3.58949+	1	1.35897+	1	4.16118+	1	1.36504+	1	5.08485+	1	57	3	18	2732
1.36706+	1	5.40533+	1	1.36861+	1	5.65105+	1	1.37000+	1	5.86931+	1	57	3	18	2733
1.37139+	1	6.08538+	1	1.37294+	1	6.32425+	1	1.37496+	1	6.63453+	1	57	3	18	2734
1.37660+	1	6.87669+	1	1.38232+	1	7.69303+	1	1.38935+	1	8.58511+	1	57	3	18	2735
1.39475+	1	9.04035+	1	1.39960+	1	9.14379+	1	1.40445+	1	8.89943+	1	57	3	18	2736
1.40850+	1	8.41035+	1	1.40985+	1	8.26836+	1	1.41688+	1	7.15254+	1	57	3	18	2737
1.42670+	1	5.98736+	1	1.43570+	1	5.06254+	1	1.43806+	1	4.74577+	1	57	3	18	2738

1.44120+	1	4.69581+	1	1.44190+	1	4.66507+	1	1.44304+	1	4.63624+	1	57	3	18 2739
1.44480+	1	4.59953+	1	1.44929+	1	4.34909+	1	1.45137+	1	4.19306+	1	57	3	18 2740
1.45297+	1	4.04381+	1	1.45440+	1	3.88502+	1	1.45583+	1	3.70134+	1	57	3	18 2741
1.45743+	1	3.46748+	1	1.45951+	1	3.12246+	1	1.46110+	1	2.81620+	1	57	3	18 2742
1.46470+	1	2.35018+	1	1.46576+	1	2.23574+	1	1.47041+	1	1.74777+	1	57	3	18 2743
1.47370+	1	1.51357+	1	1.47646+	1	1.30971+	1	1.48491+	1	1.06520+	1	57	3	18 2744
1.49010+	1	1.07854+	1	1.49688+	1	9.54691+	0	1.50000+	1	9.78984+	0	57	3	18 2745
1.50910+	1	1.14013+	1	1.50920+	1	1.14184+	1	1.51790+	1	1.84438+	1	57	3	18 2746
1.51820+	1	1.89626+	1	1.52412+	1	2.82943+	1	1.52730+	1	3.52471+	1	57	3	18 2747
1.52891+	1	3.88880+	1	1.53535+	1	5.23650+	1	1.53640+	1	5.37167+	1	57	3	18 2748
1.53748+	1	5.51043+	1	1.53913+	1	5.62942+	1	1.54060+	1	5.66145+	1	57	3	18 2749
1.54207+	1	5.62115+	1	1.54372+	1	5.49295+	1	1.54550+	1	5.25453+	1	57	3	18 2750
1.54585+	1	5.20145+	1	1.55229+	1	3.71612+	1	1.55450+	1	3.16962+	1	57	3	18 2751
1.55708+	1	2.51086+	1	1.56330+	1	1.30866+	1	1.56360+	1	1.27976+	1	57	3	18 2752
1.57200+	1	6.71405+	0	1.57270+	1	6.59238+	0	1.57433+	1	6.49734+	0	57	3	18 2753
1.57671+	1	6.83251+	0	1.58180+	1	1.05082+	1	1.58560+	1	1.33461+	1	57	3	18 2754
1.59090+	1	2.31912+	1	1.59196+	1	2.51477+	1	1.59685+	1	3.80329+	1	57	3	18 2755
1.60000+	1	4.60422+	1	1.60343+	1	5.43151+	1	1.60561+	1	5.76626+	1	57	3	18 2756
1.60729+	1	5.91781+	1	1.60880+	1	5.96683+	1	1.60910+	1	5.95980+	1	57	3	18 2757
1.61031+	1	5.93158+	1	1.61199+	1	5.79566+	1	1.61417+	1	5.48218+	1	57	3	18 2758
1.61820+	1	4.55848+	1	1.62075+	1	3.87444+	1	1.62564+	1	2.55139+	1	57	3	18 2759
1.62730+	1	2.25626+	1	1.63200+	1	1.45669+	1	1.63640+	1	1.23384+	1	57	3	18 2760
1.63749+	1	1.21328+	1	1.64309+	1	1.68830+	1	1.64360+	1	1.78147+	1	57	3	18 2761
1.64910+	1	2.78444+	1	1.64956+	1	2.88592+	1	1.65450+	1	4.26926+	1	57	3	18 2762
1.65454+	1	4.28063+	1	1.66123+	1	6.02242+	1	1.66346+	1	6.41165+	1	57	3	18 2763
1.66360+	1	6.42866+	1	1.66517+	1	6.54210+	1	1.66670+	1	6.57648+	1	57	3	18 2764
1.66823+	1	6.53684+	1	1.66994+	1	6.40715+	1	1.67217+	1	6.11468+	1	57	3	18 2765
1.67270+	1	5.99838+	1	1.67886+	1	4.75450+	1	1.68180+	1	4.07248+	1	57	3	18 2766
1.68384+	1	3.62254+	1	1.69031+	1	2.51595+	1	1.69090+	1	2.46855+	1	57	3	18 2767
1.69450+	1	2.11641+	1	1.69936+	1	1.52835+	1	1.70000+	1	1.49831+	1	57	3	18 2768
1.70910+	1	1.11670+	1	1.71282+	1	9.30506+	0	1.71810+	1	8.22172+	0	57	3	18 2769
1.72730+	1	7.07499+	0	1.73405+	1	6.23500+	0	1.73457+	1	6.20550+	0	57	3	18 2770
1.73511+	1	6.17625+	0	1.73640+	1	6.20899+	0	1.74550+	1	7.14907+	0	57	3	18 2771
1.75450+	1	7.36883+	0	1.75720+	1	7.54091+	0	1.76360+	1	1.03080+	1	57	3	18 2772
1.77121+	1	1.35963+	1	1.77270+	1	1.55253+	1	1.78063+	1	2.57026+	1	57	3	18 2773
1.78180+	1	2.83601+	1	1.78736+	1	4.19357+	1	1.79090+	1	5.23132+	1	57	3	18 2774
1.79254+	1	5.69888+	1	1.79951+	1	7.41251+	1	1.80183+	1	7.75852+	1	57	3	18 2775
1.80361+	1	7.91586+	1	1.80520+	1	7.96972+	1	1.80679+	1	7.93945+	1	57	3	18 2776
1.80857+	1	7.80847+	1	1.80910+	1	7.73767+	1	1.81089+	1	7.48987+	1	57	3	18 2777
1.81786+	1	5.85425+	1	1.81820+	1	5.76036+	1	1.82304+	1	4.44070+	1	57	3	18 2778
1.82730+	1	3.49150+	1	1.82977+	1	3.03765+	1	1.83640+	1	2.48602+	1	57	3	18 2779
1.83919+	1	2.15496+	1	1.84550+	1	1.94156+	1	1.85004+	1	1.75168+	1	57	3	18 2780
1.85450+	1	1.76679+	1	1.86116+	1	1.76406+	1	1.86360+	1	1.86348+	1	57	3	18 2781
1.87082+	1	2.15700+	1	1.87270+	1	2.33030+	1	1.87772+	1	2.79276+	1	57	3	18 2782
1.88180+	1	3.40121+	1	1.88303+	1	3.58919+	1	1.89017+	1	5.22960+	1	57	3	18 2783
1.89090+	1	5.46807+	1	1.89254+	1	5.99202+	1	1.89437+	1	6.69741+	1	57	3	18 2784
1.89600+	1	7.44664+	1	1.89763+	1	8.33258+	1	1.89946+	1	9.51732+	1	57	3	18 2785
1.90000+	1	9.95505+	1	1.90183+	1	1.14544+	2	1.90897+	1	2.06173+	2	57	3	18 2786
1.91278+	1	2.76628+	2	1.91662+	1	3.57426+	2	1.92382+	1	4.94152+	2	57	3	18 2787
1.92621+	1	5.21985+	2	1.92805+	1	5.34154+	2	1.92970+	1	5.37544+	2	57	3	18 2788
1.93135+	1	5.33642+	2	1.93319+	1	5.20882+	2	1.93558+	1	4.92213+	2	57	3	18 2789
1.93810+	1	4.43241+	2	1.94278+	1	3.54598+	2	1.94360+	1	3.37701+	2	57	3	18 2790
1.94550+	1	3.01612+	2	1.94815+	1	2.50652+	2	1.94910+	1	2.37294+	2	57	3	18 2791
1.95090+	1	2.11369+	2	1.95270+	1	1.82593+	2	1.95450+	1	1.52388+	2	57	3	18 2792
1.95510+	1	1.42307+	2	1.96180+	1	8.42177+	1	1.96411+	1	6.47574+	1	57	3	18 2793
1.96720+	1	5.61567+	1	1.97270+	1	4.14730+	1	1.97690+	1	3.06992+	1	57	3	18 2794
1.98180+	1	2.71813+	1	1.99679+	1	2.37949+	1	1.99090+	1	2.31346+	1	57	3	18 2795
1.99441+	1	2.25719+	1	2.00000+	1	2.27244+	1	2.00464+	1	2.34018+	1	57	3	18 2796
2.00804+	1	2.36802+	1	2.00910+	1	2.36733+	1	2.01066+	1	2.37238+	1	57	3	18 2797
2.01300+	1	2.35832+	1	2.01534+	1	2.32363+	1	2.01707+	1	2.28566+	1	57	3	18 2798
2.01831+	1	2.25261+	1	2.02000+	1	2.20149+	1	2.02169+	1	2.14512+	1	57	3	18 2799
2.02357+	1	2.07916+	1	2.02602+	1	1.99509+	1	2.02730+	1	1.96924+	1	57	3	18 2800
2.03339+	1	1.87032+	1	2.03640+	1	1.93434+	1	2.03887+	1	1.98688+	1	57	3	18 2801
2.04040+	1	2.05899+	1	2.04194+	1	2.14903+	1	2.04550+	1	2.43075+	1	57	3	18 2802
2.04748+	1	2.58743+	1	2.05450+	1	3.20050+	1	2.05492+	1	3.23718+	1	57	3	18 2803
2.05739+	1	3.39492+	1	2.05820+	1	3.43190+	1	2.05930+	1	3.48212+	1	57	3	18 2804
2.06100+	1	3.53355+	1	2.06270+	1	3.56050+	1	2.06360+	1	3.56347+	1	57	3	18 2805
2.06461+	1	3.56681+	1	2.06708+	1	3.55231+	1	2.06730+	1	3.55609+	1	57	3	18 2806
2.07270+	1	3.64894+	1	2.07452+	1	3.68023+	1	2.07640+	1	3.95353+	1	57	3	18 2807
2.08006+	1	4.48558+	1	2.08180+	1	5.02949+	1	2.08397+	1	5.70781+	1	57	3	18 2808

2.08792+	1	7.57405+	1	2.09090+	1	9.42819+	1	2.09353+	1	1.10649+	2	57	3	18	2809
2.10000+	1	1.49772+	2	2.10105+	1	1.56060+	2	2.10355+	1	1.65287+	2	57	3	18	2810
2.10360+	1	1.65381+	2	2.10548+	1	1.69403+	2	2.10720+	1	1.70527+	2	57	3	18	2811
2.10892+	1	1.69153+	2	2.10910+	1	1.68747+	2	2.11085+	1	1.64694+	2	57	3	18	2812
2.11270+	1	1.57336+	2	2.11335+	1	1.54781+	2	2.11820+	1	1.24167+	2	57	3	18	2813
2.12087+	1	1.07283+	2	2.12180+	1	1.01069+	2	2.12640+	1	7.03002+	1	57	3	18	2814
2.12648+	1	6.97950+	1	2.13375+	1	3.47647+	1	2.13640+	1	2.90635+	1	57	3	18	2815
2.14000+	1	2.06346+	1	2.14393+	1	1.22248+	1	2.14550+	1	1.14473+	1	57	3	18	2816
2.15450+	1	6.34788+	0	2.15906+	1	3.93042+	0	2.17270+	1	2.29310+	0	57	3	18	2817
2.18293+	1	1.75637+	0	2.19090+	1	1.87088+	0	2.19857+	1	1.88837+	0	57	3	18	2818
2.20910+	1	2.15822+	0	2.21488+	1	2.42088+	0	2.22730+	1	3.43184+	0	57	3	18	2819
2.23979+	1	4.44897+	0	2.24550+	1	5.75273+	0	2.25558+	1	8.25178+	0	57	3	18	2820
2.26360+	1	1.45926+	1	2.26620+	1	1.64957+	1	2.27379+	1	2.86719+	1	57	3	18	2821
2.27963+	1	4.16757+	1	2.28180+	1	4.62889+	1	2.28749+	1	5.84021+	1	57	3	18	2822
2.29010+	1	6.20659+	1	2.29210+	1	6.38604+	1	2.29390+	1	6.46363+	1	57	3	18	2823
2.29570+	1	6.46105+	1	2.29770+	1	6.36728+	1	2.30000+	1	6.14884+	1	57	3	18	2824
2.30031+	1	6.12024+	1	2.30817+	1	4.94123+	1	2.31150+	1	4.53278+	1	57	3	18	2825
2.31401+	1	4.21548+	1	2.31743+	1	4.05632+	1	2.32088+	1	4.16012+	1	57	3	18	2826
2.32300+	1	4.44643+	1	2.32679+	1	4.95684+	1	2.33472+	1	6.95620+	1	57	3	18	2827
2.33736+	1	7.73858+	1	2.33938+	1	8.34687+	1	2.34120+	1	8.88474+	1	57	3	18	2828
2.34302+	1	9.40671+	1	2.34504+	1	9.96049+	1	2.34600+	1	1.01994+	2	57	3	18	2829
2.34768+	1	1.06188+	2	2.35100+	1	1.13168+	2	2.35504+	1	1.19095+	2	57	3	18	2830
2.35824+	1	1.21351+	2	2.36070+	1	1.21419+	2	2.36290+	1	1.20180+	2	57	3	18	2831
2.36510+	1	1.17709+	2	2.36756+	1	1.13565+	2	2.36900+	1	1.10275+	2	57	3	18	2832
2.37076+	1	1.06237+	2	2.38039+	1	7.67751+	1	2.38740+	1	5.65322+	1	57	3	18	2833
2.38756+	1	5.60183+	1	2.39641+	1	3.76385+	1	2.40110+	1	3.45086+	1	57	3	18	2834
2.40382+	1	3.36117+	1	2.40983+	1	3.76435+	1	2.41030+	1	3.81962+	1	57	3	18	2835
2.41791+	1	4.92502+	1	2.42059+	1	5.29618+	1	2.42265+	1	5.54236+	1	57	3	18	2836
2.42450+	1	5.72364+	1	2.42635+	1	5.86139+	1	2.42841+	1	5.95893+	1	57	3	18	2837
2.43074+	1	5.99535+	1	2.43308+	1	5.95547+	1	2.43515+	1	5.86222+	1	57	3	18	2838
2.43700+	1	5.73908+	1	2.43790+	1	5.66460+	1	2.43885+	1	5.58624+	1	57	3	18	2839
2.44092+	1	5.39000+	1	2.44361+	1	5.11131+	1	2.45170+	1	4.32293+	1	57	3	18	2840
2.45214+	1	4.28856+	1	2.45412+	1	4.15020+	1	2.46090+	1	4.39925+	1	57	3	18	2841
2.48390+	1	4.18057+	1	2.49039+	1	4.09830+	1	2.50243+	1	4.65429+	1	57	3	18	2842
2.50690+	1	4.87391+	1	2.51170+	1	5.21605+	1	2.51610+	1	5.53733+	1	57	3	18	2843
2.52000+	1	5.87013+	1	2.52830+	1	6.62593+	1	2.53450+	1	7.23261+	1	57	3	18	2844
2.53757-	1	7.46457+	1	2.54684+	1	8.06219+	1	2.55104+	1	8.19751+	1	57	3	18	2845
2.55290+	1	8.19628+	1	2.55524+	1	8.21787+	1	2.55750+	1	8.15354+	1	57	3	18	2846
2.55900+	1	8.11090+	1	2.56276+	1	7.86764+	1	2.56696+	1	7.44820+	1	57	3	18	2847
2.57130+	1	6.87409+	1	2.57242+	1	6.68867+	1	2.58510+	1	4.43847+	1	57	3	18	2848
2.58886+	1	3.76412+	1	2.60110+	1	2.28283+	1	2.60340+	1	2.21842+	1	57	3	18	2849
2.61260+	1	2.28090+	1	2.61698+	1	2.46197+	1	2.61781+	1	2.55175+	1	57	3	18	2850
2.61824+	1	2.60017+	1	2.62180+	1	3.12721+	1	2.62639+	1	3.80270+	1	57	3	18	2851
2.63267+	1	4.98753+	1	2.64111+	1	6.47073+	1	2.64391+	1	6.81915+	1	57	3	18	2852
2.64480+	1	6.89894+	1	2.64607+	1	6.97046+	1	2.64800+	1	7.01925+	1	57	3	18	2853
2.64993-	1	7.00949+	1	2.65209+	1	6.93039+	1	2.65400+	1	6.79174+	1	57	3	18	2854
2.65489+	1	6.72729+	1	2.65949+	1	6.19406+	1	2.66529+	1	5.30968+	1	57	3	18	2855
2.66884+	1	4.74087+	1	2.67156+	1	4.31904+	1	2.67400+	1	3.96407+	1	57	3	18	2856
2.67644+	1	3.63696+	1	2.67916+	1	3.30908+	1	2.68271+	1	2.94495+	1	57	3	18	2857
2.69337+	1	2.26027+	1	2.69671+	1	2.15626+	1	2.69938+	1	2.10128+	1	57	3	18	2858
2.70000+	1	2.09531+	1	2.70792+	1	2.01894+	1	2.71076+	1	1.99805+	1	57	3	18	2859
2.71294+	1	1.97673+	1	2.71380+	1	1.96596+	1	2.71490+	1	1.95210+	1	57	3	18	2860
2.71686+	1	1.92164+	1	2.71904+	1	1.88088+	1	2.72188+	1	1.82263+	1	57	3	18	2861
2.73042+	1	1.64639+	1	2.73678+	1	1.63772+	1	2.73680+	1	1.63869+	1	57	3	18	2862
2.74140+	1	1.85217+	1	2.74503+	1	2.02078+	1	2.74706+	1	2.21383+	1	57	3	18	2863
2.74911+	1	2.45690+	1	2.75746+	1	3.96591+	1	2.75980+	1	4.54772+	1	57	3	18	2864
2.76390+	1	5.56685+	1	2.77254+	1	7.55989+	1	2.77541+	1	7.97357+	1	57	3	18	2865
2.77762+	1	8.16248+	1	2.77960+	1	8.22575+	1	2.78158+	1	8.18713+	1	57	3	18	2866
2.78280+	1	8.09872+	1	2.78379+	1	8.02727+	1	2.78666+	1	7.65318+	1	57	3	18	2867
2.79426+	1	6.06361+	1	2.80190+	1	4.35133+	1	2.80479+	1	3.83576-	1	57	3	18	2868
2.80570+	1	3.70233+	1	2.80701+	1	3.50996+	1	2.80900+	1	3.27265+	1	57	3	18	2869
2.81099+	1	3.08600+	1	2.81321+	1	2.93396+	1	2.81610+	1	2.81394+	1	57	3	18	2870
2.82202+	1	2.76508+	1	2.82797+	1	2.82582+	1	2.82870+	1	2.83000+	1	57	3	18	2871
2.83087+	1	2.84247+	1	2.83310+	1	2.83621+	1	2.83510+	1	2.81261+	1	57	3	18	2872
2.83710+	1	2.77036+	1	2.83933+	1	2.69850+	1	2.84223+	1	2.57674+	1	57	3	18	2873
2.84250+	1	2.56097+	1	2.85096+	1	2.11109+	1	2.85170+	1	2.06873+	1	57	3	18	2874
2.85299+	1	1.98835+	1	2.85504+	1	1.86515+	1	2.86383+	1	1.42172+	1	57	3	18	2875
2.86674+	1	1.30812+	1	2.86899+	1	1.22999+	1	2.87100+	1	1.16539+	1	57	3	18	2876
2.87301+	1	1.10488+	1	2.87470+	1	1.05680+	1	2.87526+	1	1.04099+	1	57	3	18	2877
2.87817+	1	9.62224+	0	2.88696+	1	7.48295+	0	2.89350+	1	6.17216+	0	57	3	18	2878

2.89770+	1	5.58759+	0	2.90199+	1	4.99093+	0	2.91387+	1	4.23061+	0	57	3	18	2879
2.91733+	1	4.17910+	0	2.92070+	1	4.21084+	0	2.92084+	1	4.21214+	0	57	3	18	2880
2.93291+	1	5.32201+	0	2.94154+	1	7.59823+	0	2.94370+	1	8.44158+	0	57	3	18	2881
2.94818+	1	1.01020+	1	2.95711+	1	1.33086+	1	2.96008+	1	1.39614+	1	57	3	18	2882
2.96236+	1	1.42345+	1	2.96440+	1	1.42912+	1	2.96644+	1	1.41651+	1	57	3	18	2883
2.96670+	1	1.41257+	1	2.96872+	1	1.38384+	1	2.97169+	1	1.31205+	1	57	3	18	2884
2.98062+	1	9.72825+	0	2.98726+	1	7.14813+	0	2.98970+	1	6.52359+	0	57	3	18	2885
2.99589+	1	4.87856+	0	3.00000+	1	4.58251+	0	3.00796+	1	4.11719+	0	57	3	18	2886
3.01133+	1	4.30689+	0	3.01475+	1	4.66705+	0	3.02290+	1	6.72663+	0	57	3	18	2887
3.02701+	1	7.86348+	0	3.03578+	1	1.26271+	1	3.04253+	1	1.76247+	1	57	3	18	2888
3.04570+	1	2.02507+	1	3.05160+	1	2.50111+	1	3.05461+	1	2.73861+	1	57	3	18	2889
3.05692+	1	2.91469+	1	3.05900+	1	3.06677+	1	3.06108+	1	3.21314+	1	57	3	18	2890
3.06339+	1	3.36940+	1	3.06640+	1	3.56009+	1	3.06860+	1	3.67711+	1	57	3	18	2891
3.07247+	1	3.88339+	1	3.07770+	1	4.03577+	1	3.07856+	1	4.06092+	1	57	3	18	2892
3.08159+	1	4.06153+	1	3.08392+	1	4.01249+	1	3.08600+	1	3.92940+	1	57	3	18	2893
3.08808+	1	3.80909+	1	3.09041+	1	3.63304+	1	3.09140+	1	3.53954+	1	57	3	18	2894
3.09344+	1	3.31047+	1	3.09600+	1	2.96476+	1	3.10255+	1	2.13335+	1	57	3	18	2895
3.10933+	1	1.33273+	1	3.10970+	1	1.30270+	1	3.11430+	1	9.60387+	0	57	3	18	2896
3.11813+	1	6.99651+	0	3.13045+	1	4.24834+	0	3.13710+	1	4.72793+	0	57	3	18	2897
3.14592+	1	5.50510+	0	3.16000+	1	1.17592+	1	3.16169+	1	1.24764+	1	57	3	18	2898
3.16910+	1	2.42522+	1	3.17425+	1	3.26069+	1	3.18290+	1	6.29449+	1	57	3	18	2899
3.18322+	1	6.40518+	1	3.18740+	1	8.38723+	1	3.19013+	1	9.68172+	1	57	3	18	2900
3.19660+	1	1.25435+	2	3.19942+	1	1.37908+	2	3.20250+	1	1.46376+	2	57	3	18	2901
3.20487+	1	1.50127+	2	3.20570+	1	1.50560+	2	3.20700+	1	1.51238+	2	57	3	18	2902
3.20913+	1	1.50166+	2	3.21150+	1	1.46457+	2	3.21458+	1	1.38046+	2	57	3	18	2903
3.21940+	1	1.16813+	2	3.22387+	1	9.71236+	1	3.22860+	1	7.47783+	1	57	3	18	2904
3.23078+	1	6.42245+	1	3.23975+	1	3.23308+	1	3.25140+	1	1.28728+	1	57	3	18	2905
3.25231+	1	1.14451+	1	3.27098+	1	4.59519+	0	3.27430+	1	4.29271+	0	57	3	18	2906
3.27870+	1	3.97862+	0	3.28659+	1	3.93395+	0	3.29710+	1	5.67220+	0	57	3	18	2907
3.30568+	1	7.43193+	0	3.31852+	1	2.04126+	1	3.32000+	1	2.40447+	1	57	3	18	2908
3.32769+	1	4.31185+	1	3.33475+	1	6.84369+	1	3.34425+	1	1.01552+	2	57	3	18	2909
3.34740+	1	1.08678+	2	3.34983+	1	1.11998+	2	3.35200+	1	1.13197+	2	57	3	18	2910
3.35417+	1	1.12516+	2	3.35660+	1	1.09777+	2	3.35975+	1	1.03417+	2	57	3	18	2911
3.36110+	1	9.90611+	1	3.36925+	1	7.27589+	1	3.37490+	1	5.43237+	1	57	3	18	2912
3.37631+	1	4.97230+	1	3.38548+	1	3.12378+	1	3.38860+	1	3.01384+	1	57	3	18	2913
3.39423+	1	2.81513+	1	3.40310+	1	3.93970+	1	3.41140+	1	6.49907+	1	57	3	18	2914
3.41238+	1	6.80186+	1	3.41954+	1	9.98988+	1	3.42915+	1	1.41860+	2	57	3	18	2915
3.43234+	1	1.51456+	2	3.43430+	1	1.55444+	2	3.43480+	1	1.56463+	2	57	3	18	2916
3.43700+	1	1.59033+	2	3.43920+	1	1.59778+	2	3.44166+	1	1.58580+	2	57	3	18	2917
3.44340+	1	1.56240+	2	3.44485+	1	1.62886+	2	3.44800+	1	1.74676+	2	57	3	18	2918
3.45260+	1	1.70077+	2	3.45446+	1	1.66377+	2	3.45710+	1	1.63204+	2	57	3	18	2919
3.46092+	1	1.54082+	2	3.46170+	1	1.53598+	2	3.46630+	1	1.42569+	2	57	3	18	2920
3.46742+	1	1.40998+	2	3.47090+	1	1.43790+	2	3.47540+	1	1.51758+	2	57	3	18	2921
3.47710+	1	1.55298+	2	3.48031+	1	1.66317+	2	3.48278+	1	1.75958+	2	57	3	18	2922
3.48460+	1	1.83718+	2	3.48500+	1	1.85625+	2	3.48722+	1	1.96992+	2	57	3	18	2923
3.48910+	1	2.07563+	2	3.48969+	1	2.10863+	2	3.49290+	1	2.30243+	2	57	3	18	2924
3.50181+	1	2.90974+	2	3.50290+	1	2.97631+	2	3.51076+	1	3.45609+	2	57	3	18	2925
3.51399+	1	3.57152+	2	3.51647+	1	3.61425+	2	3.51870+	1	3.61434+	2	57	3	18	2926
3.52093+	1	3.57681+	2	3.52150+	1	3.56095+	2	3.52325+	1	3.49785+	2	57	3	18	2927
3.52570+	1	3.34256+	2	3.53000+	1	3.06985+	2	3.53675+	1	2.46300+	2	57	3	18	2928
3.54428+	1	1.78041+	2	3.54860+	1	1.48603+	2	3.55407+	1	1.11296+	2	57	3	18	2929
3.56409+	1	7.19013+	1	3.57140+	1	6.01230+	1	3.58639+	1	3.59822+	1	57	3	18	2930
3.59430+	1	3.12558+	1	3.60820+	1	2.29544+	1	3.62497+	1	1.78861+	1	57	3	18	2931
3.64000+	1	1.50834+	1	3.65503+	1	1.31782+	1	3.66290+	1	1.24856+	1	57	3	18	2932
3.67180+	1	1.13468+	1	3.68570+	1	1.00320+	1	3.69361+	1	9.39527+	0	57	3	18	2933
3.69500+	1	9.30679+	0	3.69639+	1	9.22077+	0	3.70860+	1	8.61911+	0	57	3	18	2934
3.71820+	1	9.02494+	0	3.73140+	1	9.78712+	0	3.73497+	1	9.87212+	0	57	3	18	2935
3.75000+	1	1.03795+	1	3.75430+	1	1.06140+	1	3.76503+	1	1.09420+	1	57	3	18	2936
3.77710+	1	1.21388+	1	3.78180+	1	1.25497+	1	3.80000+	1	1.79494+	1	57	3	18	2937
3.80361+	1	1.90217+	1	3.81666+	1	2.46787+	1	3.81927+	1	2.56005+	1	57	3	18	2938
3.82290+	1	2.65706+	1	3.82363+	1	2.67634+	1	3.82699+	1	2.72503+	1	57	3	18	2939
3.83000+	1	2.73554+	1	3.83301+	1	2.71375+	1	3.83637+	1	2.65266+	1	57	3	18	2940
3.84073+	1	2.52234+	1	3.84570+	1	2.30371+	1	3.85388+	1	1.91756+	1	57	3	18	2941
3.86366+	1	1.48816+	1	3.86860+	1	1.37611+	1	3.87637+	1	1.16866+	1	57	3	18	2942
3.89140+	1	1.47413+	1	3.89225+	1	1.48945+	1	3.90469+	1	3.18071+	1	57	3	18	2943
3.91430+	1	6.22440+	1	3.91464+	1	6.33374+	1	3.92230+	1	9.82509+	1	57	3	18	2944
3.92340+	1	1.03004+	2	3.92800+	1	1.28121+	2	3.93260+	1	1.48218+	2	57	3	18	2945
3.93601+	1	1.57667+	2	3.93710+	1	1.59439+	2	3.93864+	1	1.61959+	2	57	3	18	2946
3.94100+	1	1.63377+	2	3.94336+	1	1.62446+	2	3.94599+	1	1.58717+	2	57	3	18	2947
3.94940+	1	1.50063+	2	3.95090+	1	1.43970+	2	3.95970+	1	1.08225+	2	57	3	18	2948
3.96000+	1	1.06935+	2	3.96542+	1	8.36343+	1	3.96910+	1	7.06594+	1	57	3	18	2949

3.97118+	1	6.33258+	1	3.98154+	1	4.10697+	1	3.98290+	1	3.94276+	1	57	3	18	2950
3.98498+	1	3.69058+	1	3.98763+	1	3.43852+	1	3.99000+	1	3.24889+	1	57	3	18	2951
3.99237+	1	3.08359+	1	3.99562+	1	2.91896+	1	3.99660+	1	2.83010+	1	57	3	18	2952
3.99846+	1	2.71108+	1	4.00882+	1	2.16193+	1	4. 1652+	1	1.92809+	1	57	3	18	2953
4.01940+	1	1.91278+	1	4.02167+	1	1.93175+	1	4.02687+	1	2.08173+	1	57	3	18	2954
4.03464+	1	2.46018+	1	4.04506+	1	3.01842+	1	4.04854+	1	3.15003+	1	57	3	18	2955
4.05121+	1	3.21904+	1	4.05140+	1	3.22183+	1	4.05360+	1	3.27441+	1	57	3	18	2956
4.05599+	1	3.30548+	1	4.05866+	1	3.31015+	1	4.06212+	1	3.27297+	1	57	3	18	2957
4.06970+	1	3.06266+	1	4.07256+	1	2.98602+	1	4.07430+	1	2.94088+	1	57	3	18	2958
4.07890+	1	2.76723+	1	4.08033+	1	2.69997+	1	4.08247+	1	2.62348+	1	57	3	18	2959
4.08634+	1	2.52124+	1	4.09710+	1	2.58832+	1	4.10049+	1	2.58600+	1	57	3	18	2960
4.11949+	1	3.43374+	1	4.12000+	1	3.46121+	1	4.12580+	1	3.84082+	1	57	3	18	2961
4.13065+	1	4.13187+	1	4.13500+	1	4.35978+	1	4.13935+	1	4.55190+	1	57	3	18	2962
4.14290+	1	4.67936+	1	4.14420+	1	4.72611+	1	4.15042+	1	4.90558+	1	57	3	18	2963
4.15388+	1	4.99922+	1	4.15658+	1	5.07437+	1	4.15660+	1	5.07498+	1	57	3	18	2964
4.15900+	1	5.12261+	1	4.16142+	1	5.17684+	1	4.16412+	1	5.24517+	1	57	3	18	2965
4.16570+	1	5.28956+	1	4.16763+	1	5.36329+	1	4.17313+	1	5.57427+	1	57	3	18	2966
4.17864+	1	5.73608+	1	4.17940+	1	5.74612+	1	4.18216+	1	5.83735+	1	57	3	18	2967
4.18487+	1	5.88587+	1	4.18730+	1	5.89596+	1	4.18973+	1	5.87436+	1	57	3	18	2968
4.19244+	1	5.81536+	1	4.19596+	1	5.69307+	1	4.19770+	1	5.61003+	1	57	3	18	2969
4.20511+	1	5.05898+	1	4.21140+	1	4.61036+	1	4.21430+	1	4.39388+	1	57	3	18	2970
4.21784+	1	4.15281+	1	4.22056+	1	3.97046+	1	4.22300+	1	3.80603+	1	57	3	18	2971
4.22544+	1	3.63841+	1	4.22816+	1	3.44612+	1	4.22970+	1	3.33372+	1	57	3	18	2972
4.23170+	1	3.26690+	1	4.23890+	1	3.03173+	1	4.24236+	1	2.81625+	1	57	3	18	2973
4.24594+	1	2.62603+	1	4.24954+	1	2.46399+	1	4.25710+	1	2.23942+	1	57	3	18	2974
4.26025+	1	2.06264+	1	4.26381+	1	1.89519+	1	4.26655+	1	1.76797+	1	57	3	18	2975
4.26900+	1	1.65170+	1	4.27090+	1	1.55860+	1	4.27145+	1	1.54611+	1	57	3	18	2976
4.27419+	1	1.47868+	1	4.27775+	1	1.38296+	1	4.28000+	1	1.32194+	1	57	3	18	2977
4.28846+	1	1.34658+	1	4.28910+	1	1.35681+	1	4.29644+	1	1.25437+	1	57	3	18	2978
4.30290+	1	1.32394+	1	4.30425+	1	1.32497+	1	4.31214+	1	1.56965+	1	57	3	18	2979
4.32018+	1	2.02785+	1	4.32110+	1	2.08493+	1	4.33030+	1	2.74612+	1	57	3	18	2980
4.33098+	1	2.79503+	1	4.33457+	1	2.98511+	1	4.33733+	1	3.09122+	1	57	3	18	2981
4.33980+	1	3.15386+	1	4.34227+	1	3.18593+	1	4.34503+	1	3.18852+	1	57	3	18	2982
4.34860+	1	3.14982+	1	4.34862+	1	3.14961+	1	4.35942+	1	2.95099+	1	57	3	18	2983
4.36483+	1	2.94177+	1	4.36690+	1	2.98337+	1	4.37026+	1	3.00622+	1	57	3	18	2984
4.38060+	1	3.32838+	1	4.38113+	1	3.36038+	1	4.38474+	1	3.58890+	1	57	3	18	2985
4.38751+	1	3.74693+	1	4.39000+	1	3.86551+	1	4.39249+	1	3.95929+	1	57	3	18	2986
4.39350+	1	3.98977+	1	4.39451+	1	4.01571+	1	4.39700+	1	4.06010+	1	57	3	18	2987
4.39949+	1	4.07829+	1	4.40227+	1	4.07167+	1	4.40340+	1	4.05920+	1	57	3	18	2988
4.40588+	1	4.00055+	1	4.41675+	1	3.74144+	1	4.41710+	1	3.74512+	1	57	3	18	2989
4.42484+	1	3.78000+	1	4.42839+	1	3.92375+	1	4.43196+	1	4.15247+	1	57	3	18	2990
4.44000+	1	4.92208+	1	4.44011+	1	4.93190+	1	4.45106+	1	6.11029+	1	57	3	18	2991
4.45470+	1	6.41692+	1	4.45749+	1	6.59417+	1	4.46000+	1	6.70249+	1	57	3	18	2992
4.46251+	1	6.75990+	1	4.46290+	1	6.76036+	1	4.46530+	1	6.77850+	1	57	3	18	2993
4.46894+	1	6.71397+	1	4.47134+	1	6.62115+	1	4.47635+	1	6.32376+	1	57	3	18	2994
4.48394+	1	5.70963+	1	4.48570+	1	5.55339+	1	4.48977+	1	5.19903+	1	57	3	18	2995
4.49500+	1	4.75184+	1	4.50023+	1	4.32386+	1	4.50606+	1	3.86966+	1	57	3	18	2996
4.50860+	1	3.68310+	1	4.51365+	1	3.29379+	1	4.53140+	1	2.22191+	1	57	3	18	2997
4.53649+	1	1.93016+	1	4.55154+	1	1.62550+	1	4.55430+	1	1.63007+	1	57	3	18	2998
4.55884+	1	1.63241+	1	4.56994+	1	1.69694+	1	4.57363+	1	1.70288+	1	57	3	18	2999
4.57646+	1	1.69453+	1	4.57710+	1	1.68981+	1	4.57900+	1	1.67505+	1	57	3	18	3000
4.58154+	1	1.64408+	1	4.58437+	1	1.59645+	1	4.58806+	1	1.51597+	1	57	3	18	3001
4.59916+	1	1.20277+	1	4.60000+	1	1.18034+	1	4.60741+	1	9.74481+	0	57	3	18	3002
4.61810+	1	8.31790+	0	4.61813+	1	8.31550+	0	4.62873+	1	1.01248+	1	57	3	18	3003
4.63630+	1	1.41518+	1	4.63944+	1	1.58216+	1	4.65028+	1	2.73258+	1	57	3	18	3004
4.65440+	1	3.38215+	1	4.65863+	1	4.03120+	1	4.66984+	1	6.06690+	1	57	3	18	3005
4.67260+	1	6.54290+	1	4.67357+	1	6.70990+	1	4.67643+	1	7.15775+	1	57	3	18	3006
4.67900+	1	7.51124+	1	4.68157+	1	7.80959+	1	4.68443+	1	8.06728+	1	57	3	18	3007
4.68816+	1	8.26919+	1	4.69004+	1	8.31001+	1	4.69192+	1	8.30861+	1	57	3	18	3008
4.69565+	1	8.18062+	1	4.69853+	1	7.97266+	1	4.70110+	1	7.71145+	1	57	3	18	3009
4.70367+	1	7.38689+	1	4.70655+	1	6.96097+	1	4.71028+	1	6.33044+	1	57	3	18	3010
4.72152+	1	4.25465+	1	4.72700+	1	3.38428+	1	4.72989+	1	2.93638+	1	57	3	18	3011
4.74075+	1	1.88428+	1	4.74510+	1	1.72890+	1	4.74881+	1	1.61056+	1	57	3	18	3012
4.75695+	1	1.75172+	1	4.76330+	1	2.21905+	1	4.76792+	1	2.54693+	1	57	3	18	3013
4.77410+	1	3.29045+	1	4.77637+	1	3.50927+	1	4.78773+	1	4.82636+	1	57	3	18	3014
4.78870+	1	4.92752+	1	4.79150+	1	5.27070+	1	4.79440+	1	5.58688+	1	57	3	18	3015
4.79590+	1	5.73007+	1	4.79700+	1	5.83507+	1	4.79960+	1	6.04798+	1	57	3	18	3016
4.80250+	1	6.24141+	1	4.80627+	1	6.42520+	1	4.80680+	1	6.43669+	1	57	3	18	3017
4.81347+	1	6.58131+	1	4.81770+	1	6.54130+	1	4.82070+	1	6.51293+	1	57	3	18	3018
4.82448+	1	6.39512+	1	4.82739+	1	6.26798+	1	4.82860+	1	6.20369+	1	57	3	18	3019

4.83000+	1	6.12930+	1	4.83261+	1	5.97020+	1	4.83552+	1	5.77387+	1	57	3	18	3020
4.83930+	1	5.50238+	1	4.83950+	1	5.49008+	1	4.85070+	1	4.80129+	1	57	3	18	3021
4.85400+	1	4.70000+	1	4.85494+	1	4.67115+	1	4.85919+	1	4.63392+	1	57	3	18	3022
4.86120+	1	4.67164+	1	4.86850+	1	4.80875+	1	4.87065+	1	4.84913+	1	57	3	18	3023
4.87445+	1	4.92597+	1	4.87738+	1	4.95232+	1	4.88000+	1	4.94372+	1	57	3	18	3024
4.88262+	1	4.89847+	1	4.88555+	1	4.80258+	1	4.88660+	1	4.74941+	1	57	3	18	3025
4.88935+	1	4.61016+	1	4.88999+	1	4.57127+	1	4.89063+	1	4.53063+	1	57	3	18	3026
4.89340+	1	4.33359+	1	4.89444+	1	4.25961+	1	4.89737+	1	4.03005+	1	57	3	18	3027
4.90000+	1	3.82096+	1	4.90110+	1	3.73626+	1	4.90263+	1	3.65873+	1	57	3	18	3028
4.90556+	1	3.52868+	1	4.90937+	1	3.40367+	1	4.91200+	1	3.40913+	1	57	3	18	3029
4.91930+	1	3.23275+	1	4.92085+	1	3.16470+	1	4.92086+	1	3.16460+	1	57	3	18	3030
4.92086+	1	3.16450+	1	4.93239+	1	3.05564+	1	4.93380+	1	3.03747+	1	57	3	18	3031
4.93622+	1	3.05403+	1	4.93916+	1	3.04593+	1	4.94180+	1	3.01203+	1	57	3	18	3032
4.94444+	1	2.95058+	1	4.94738+	1	2.84944+	1	4.95121+	1	2.67180+	1	57	3	18	3033
4.95560+	1	2.40688+	1	4.96274+	1	2.11738+	1	4.96640+	1	2.00617+	1	57	3	18	3034
4.97132+	1	1.75927+	1	4.97618+	1	1.62163+	1	4.97730+	1	1.61173+	1	57	3	18	3035
4.98108+	1	1.53394+	1	4.98971+	1	1.57954+	1	4.99550+	1	1.78590+	1	57	3	18	3036
5.00132+	1	2.06208+	1	5.00518+	1	2.31215+	1	5.00814+	1	2.52477+	1	57	3	18	3037
5.01080+	1	2.73036+	1	5.01346+	1	2.95039+	1	5.01642+	1	3.21291+	1	57	3	18	3038
5.01720+	1	3.28680+	1	5.02028+	1	3.57893+	1	5.02867+	1	4.43118+	1	57	3	18	3039
5.03709+	1	5.20641+	1	5.04096+	1	5.46546+	1	5.04393+	1	5.60317+	1	57	3	18	3040
5.04660+	1	5.67578+	1	5.04927+	1	5.70616+	1	5.05224+	1	5.67993+	1	57	3	18	3041
5.05611+	1	5.57299+	1	5.06082+	1	5.37157+	1	5.06651+	1	5.11930+	1	57	3	18	3042
5.07118+	1	4.99782+	1	5.07478+	1	5.00901+	1	5.07800+	1	5.12456+	1	57	3	18	3043
5.08122+	1	5.35946+	1	5.08482+	1	5.77919+	1	5.08949+	1	6.59140+	1	57	3	18	3044
5.10357+	1	1.06587+	2	5.10461+	1	1.10184+	2	5.10547+	1	1.13198+	2	57	3	18	3045
5.11721+	1	1.50133+	2	5.12111+	1	1.58137+	2	5.12411+	1	1.62030+	2	57	3	18	3046
5.12680+	1	1.63680+	2	5.12949+	1	1.63542+	2	5.13249+	1	1.61351+	2	57	3	18	3047
5.13639+	1	1.55566+	2	5.14487+	1	1.34707+	2	5.15338+	1	1.09627+	2	57	3	18	3048
5.15729+	1	9.89483+	1	5.16030+	1	9.16027+	1	5.16300+	1	8.58100+	1	57	3	18	3049
5.16570+	1	8.08422+	1	5.16871+	1	7.63276+	1	5.17262+	1	7.21268+	1	57	3	18	3050
5.18050+	1	7.10727+	1	5.18440+	1	7.05507+	1	5.18852+	1	7.35083+	1	57	3	18	3051
5.19395+	1	7.95028+	1	5.20945+	1	1.01052+	2	5.21459+	1	1.06093+	2	57	3	18	3052
5.21855+	1	1.08181+	2	5.22210+	1	1.08488+	2	5.22565+	1	1.07234+	2	57	3	18	3053
5.22961+	1	1.04030+	2	5.23475+	1	9.73293+	1	5.25025+	1	6.74832+	1	57	3	18	3054
5.25310+	1	6.21610+	1	5.26179+	1	4.59329+	1	5.27120+	1	3.42795+	1	57	3	18	3055
5.27676+	1	2.73939+	1	5.29072+	1	1.93429+	1	5.30152+	1	1.79106+	1	57	3	18	3056
5.31310+	1	2.64564+	1	5.32203+	1	2.45900+	1	5.32560+	1	2.62719+	1	57	3	18	3057
5.33401+	1	3.02341+	1	5.33799+	1	3.13627+	1	5.34106+	1	3.18084+	1	57	3	18	3058
5.34380+	1	3.18612+	1	5.34654+	1	3.20110+	1	5.34961+	1	3.17938+	1	57	3	18	3059
5.35359+	1	3.09705+	1	5.36190+	1	2.77774+	1	5.36557+	1	2.59296+	1	57	3	18	3060
5.37450+	1	2.16784+	1	5.37839+	1	2.03644+	1	5.38000+	1	1.99908+	1	57	3	18	3061
5.38231+	1	1.91193+	1	5.39128+	1	1.71911+	1	5.40000+	1	1.66799+	1	57	3	18	3062
5.40335+	1	1.65772+	1	5.40736+	1	1.65032+	1	5.41044+	1	1.63693+	1	57	3	18	3063
5.41320+	1	1.61712+	1	5.41596+	1	1.58909+	1	5.41810+	1	1.56063+	1	57	3	18	3064
5.41904+	1	1.55554+	1	5.42305+	1	1.52416+	1	5.43512+	1	1.40258+	1	57	3	18	3065
5.43630+	1	1.40515+	1	5.44409+	1	1.42206+	1	5.45440+	1	1.82746+	1	57	3	18	3066
5.45575+	1	1.88056+	1	5.45960+	1	2.20871+	1	5.46349+	1	2.65781+	1	57	3	18	3067
5.47260+	1	4.35344+	1	5.47524+	1	4.84471+	1	5.48430+	1	7.24982+	1	57	3	18	3068
5.49070+	1	8.89106+	1	5.49647+	1	1.03689+	2	5.50051+	1	1.10513+	2	57	3	18	3069
5.50362+	1	1.13866+	2	5.50640+	1	1.15281+	2	5.50880+	1	1.15200+	2	57	3	18	3070
5.50918+	1	1.15187+	2	5.51229+	1	1.13372+	2	5.51633+	1	1.08646+	2	57	3	18	3071
5.52700+	1	8.86580+	1	5.52850+	1	8.58410+	1	5.53756+	1	7.16436+	1	57	3	18	3072
5.54506+	1	6.78334+	1	5.54510+	1	6.78590+	1	5.55262+	1	7.26632+	1	57	3	18	3073
5.56174+	1	8.78979+	1	5.56330+	1	9.12847+	1	5.57400+	1	1.14515+	2	57	3	18	3074
5.57807+	1	1.22280+	2	5.58120+	1	1.27338+	2	5.58140+	1	1.27605+	2	57	3	18	3075
5.58400+	1	1.31074+	2	5.58680+	1	1.34016+	2	5.58993+	1	1.36381+	2	57	3	18	3076
5.59400+	1	1.38166+	2	5.59549+	1	1.38542+	2	5.59698+	1	1.38807+	2	57	3	18	3077
5.59950+	1	1.39061+	2	5.60105+	1	1.39644+	2	5.60419+	1	1.40860+	2	57	3	18	3078
5.60700+	1	1.42291+	2	5.60981+	1	1.44295+	2	5.61295+	1	1.47462+	2	57	3	18	3079
5.61702+	1	1.53376+	2	5.61770+	1	1.54983+	2	5.62836+	1	1.80224+	2	57	3	18	3080
5.62860+	1	1.80858+	2	5.63580+	1	1.95064+	2	5.63974+	1	2.01699+	2	57	3	18	3081
5.64310+	1	2.03736+	2	5.64383+	1	2.04679+	2	5.64698+	1	2.05902+	2	57	3	18	3082
5.64980+	1	2.04591+	2	5.65262+	1	2.00894+	2	5.65577+	1	1.93991+	2	57	3	18	3083
5.65986+	1	1.81022+	2	5.66490+	1	1.58166+	2	5.67219+	1	1.27605+	2	57	3	18	3084
5.67940+	1	9.67337+	1	5.68136+	1	8.72664+	1	5.69020+	1	5.64947+	1	57	3	18	3085
5.69327+	1	4.59120+	1	5.70994+	1	1.99010+	1	5.71200+	1	1.85585+	1	57	3	18	3086
5.71453+	1	1.72243+	1	5.71917+	1	1.59315+	1	5.72650+	1	1.71359+	1	57	3	18	3087
5.73603+	1	1.90839+	1	5.74808+	1	2.85655+	1	5.75735+	1	3.95937+	1	57	3	18	3088
5.76280+	1	4.72365+	1	5.76982+	1	5.75891+	1	5.77396+	1	6.35160+	1	57	3	18	3089

5.77715+	1	6.77471+	1	5.78000+	1	7.11916+	1	5.78100+	1	7.22632+	1	57	3	18	3090
5.78285+	1	7.41177+	1	5.78604+	1	7.67136+	1	5.79018+	1	7.90419+	1	57	3	18	3091
5.79299+	1	7.98755+	1	5.79580+	1	8.00703+	1	5.79910+	1	7.93550+	1	57	3	18	3092
5.79995+	1	7.91711+	1	5.80314+	1	7.75514+	1	5.80600+	1	7.54793+	1	57	3	18	3093
5.80886+	1	7.29071+	1	5.81205+	1	6.95828+	1	5.81620+	1	6.48485+	1	57	3	18	3094
5.81720+	1	6.38456+	1	5.82870+	1	5.03209+	1	5.83170+	1	4.86502+	1	57	3	18	3095
5.83662+	1	4.70990+	1	5.83900+	1	4.77824+	1	5.84458+	1	4.92596+	1	57	3	18	3096
5.84990+	1	5.26133+	1	5.85710+	1	5.71522+	1	5.85715+	1	5.71837+	1	57	3	18	3097
5.86132+	1	5.91004+	1	5.86453+	1	5.98202+	1	5.86740+	1	5.98171+	1	57	3	18	3098
5.86800+	1	5.96742+	1	5.87027+	1	5.91337+	1	5.87348+	1	5.75634+	1	57	3	18	3099
5.87765+	1	5.43427+	1	5.88250+	1	4.86209+	1	5.89022+	1	3.97472+	1	57	3	18	3100
5.89956+	1	2.85370+	1	5.90070+	1	2.76062+	1	5.91160+	1	1.78325+	1	57	3	18	3101
5.91170+	1	1.77418+	1	5.92145+	1	1.32358+	1	5.93129+	1	1.18124+	1	57	3	18	3102
5.94354+	1	1.30764+	1	5.94420+	1	1.32590+	1	5.95297+	1	1.57041+	1	57	3	18	3103
5.96240+	1	1.95936+	1	5.96565+	1	2.09346+	1	5.96986+	1	2.30530+	1	57	3	18	3104
5.97310+	1	2.48093+	1	5.97600+	1	2.64780+	1	5.97890+	1	2.82363+	1	57	3	18	3105
5.98050+	1	2.92557+	1	5.98214+	1	3.03327+	1	5.98635+	1	3.32386+	1	57	3	18	3106
5.99736+	1	4.10939+	1	6.00841+	1	4.73634+	1	6.01264+	1	4.86750+	1	57	3	18	3107
6.01589+	1	4.91300+	1	6.01880+	1	4.90991+	1	6.02171+	1	4.86518+	1	57	3	18	3108
6.02496+	1	4.76894+	1	6.02919+	1	4.57917+	1	6.03490+	1	4.21984+	1	57	3	18	3109
6.04191+	1	3.77907+	1	6.05116+	1	3.27605+	1	6.06047+	1	3.04107+	1	57	3	18	3110
6.07326+	1	3.13001+	1	6.07751+	1	3.20726+	1	6.08077+	1	3.26381+	1	57	3	18	3111
6.08370+	1	3.30706+	1	6.08663+	1	3.33899+	1	6.08930+	1	3.35438+	1	57	3	18	3112
6.08989+	1	3.35781+	1	6.09414+	1	3.35200+	1	6.09833+	1	3.31110+	1	57	3	18	3113
6.10253+	1	3.23624+	1	6.10679+	1	3.12834+	1	6.11007+	1	3.02848+	1	57	3	18	3114
6.11300+	1	2.92787+	1	6.11593+	1	2.81970+	1	6.11921+	1	2.69262+	1	57	3	18	3115
6.12347+	1	2.52279+	1	6.12560+	1	2.43900+	1	6.12892+	1	2.30841+	1	57	3	18	3116
6.13854+	1	1.97716+	1	6.14605+	1	1.78511+	1	6.15183+	1	1.68050+	1	57	3	18	3117
6.15700+	1	1.61445+	1	6.16190+	1	1.57052+	1	6.16217+	1	1.56810+	1	57	3	18	3118
6.16795+	1	1.53255+	1	6.17350+	1	1.50693+	1	6.17905+	1	1.48613+	1	57	3	18	3119
6.18483+	1	1.46613+	1	6.19000+	1	1.44930+	1	6.19517+	1	1.43424+	1	57	3	18	3120
6.20095+	1	1.42086+	1	6.20846+	1	1.41045+	1	6.21676+	1	1.40798+	1	57	3	18	3121
6.21810+	1	1.40803+	1	6.22398+	1	1.40824+	1	6.22900+	1	1.40533+	1	57	3	18	3122
6.23050+	1	1.40446+	1	6.23551+	1	1.39619+	1	6.24000+	1	1.38268+	1	57	3	18	3123
6.24449+	1	1.36407+	1	6.24950+	1	1.33869+	1	6.25440+	1	1.31160+	1	57	3	18	3124
6.25602+	1	1.30265+	1	6.27260+	1	1.26738+	1	6.27565+	1	1.26089+	1	57	3	18	3125
6.27727+	1	1.26654+	1	6.27835+	1	1.27126+	1	6.29137+	1	1.38979+	1	57	3	18	3126
6.29570+	1	1.44998+	1	6.29902+	1	1.50474+	1	6.30200+	1	1.55853+	1	57	3	18	3127
6.30498+	1	1.61649+	1	6.30830+	1	1.68579+	1	6.31263+	1	1.78261+	1	57	3	18	3128
6.31698+	1	1.88708+	1	6.32135+	1	1.99816+	1	6.32568+	1	2.11272+	1	57	3	18	3129
6.32901+	1	2.20301+	1	6.33200+	1	2.28456+	1	6.33499+	1	2.36575+	1	57	3	18	3130
6.33832+	1	2.45483+	1	6.34265+	1	2.56500+	1	6.34421+	1	2.60243+	1	57	3	18	3131
6.34738+	1	2.67355+	1	6.35617+	1	2.82427+	1	6.36294+	1	2.87841+	1	57	3	18	3132
6.36900+	1	2.87415+	1	6.37410+	1	2.83038+	1	6.37506+	1	2.82214+	1	57	3	18	3133
6.38183+	1	2.72039+	1	6.39062+	1	2.55724+	1	6.39230+	1	2.53419+	1	57	3	18	3134
6.40320+	1	2.38465+	1	6.40976+	1	2.29465+	1	6.41410+	1	2.25410+	1	57	3	18	3135
6.41926+	1	2.20584+	1	6.42363+	1	2.14859+	1	6.42490+	1	2.12671+	1	57	3	18	3136
6.42699+	1	2.09065+	1	6.43000+	1	2.02640+	1	6.43220+	1	1.97038+	1	57	3	18	3137
6.43301+	1	1.94976+	1	6.43637+	1	1.84989+	1	6.44074+	1	1.70015+	1	57	3	18	3138
6.44310+	1	1.60763+	1	6.45389+	1	1.18562+	1	6.45400+	1	1.18156+	1	57	3	18	3139
6.46367+	1	8.40420+	0	6.46490+	1	8.11245+	0	6.47210+	1	6.40290+	0	57	3	18	3140
6.47637+	1	5.38807+	0	6.49020+	1	3.93902+	0	6.49416+	1	3.52432+	0	57	3	18	3141
6.50457+	1	3.12100+	0	6.51510+	1	3.02531+	0	6.52650+	1	3.56485+	0	57	3	18	3142
6.53309+	1	3.87663+	0	6.54470+	1	5.60458+	0	6.54594+	1	5.78884+	0	57	3	18	3143
6.55584+	1	8.00710+	0	6.56280+	1	9.56794+	0	6.56914+	1	1.09894+	1	57	3	18	3144
6.57356+	1	1.16765+	1	6.57696+	1	1.20387+	1	6.57730+	1	1.20605+	1	57	3	18	3145
6.58000+	1	1.22314+	1	6.58304+	1	1.23020+	1	6.58644+	1	1.22510+	1	57	3	18	3146
6.58820+	1	1.21614+	1	6.59086+	1	1.20258+	1	6.59910+	1	1.14701+	1	57	3	18	3147
6.60416+	1	1.11287+	1	6.61000+	1	1.10628+	1	6.61003+	1	1.10625+	1	57	3	18	3148
6.61593+	1	1.13319+	1	6.61720+	1	1.14521+	1	6.62929+	1	1.25944+	1	57	3	18	3149
6.63373+	1	1.28807+	1	6.63540+	1	1.29152+	1	6.63714+	1	1.29512+	1	57	3	18	3150
6.64020+	1	1.28770+	1	6.64326+	1	1.26611+	1	6.64630+	1	1.22958+	1	57	3	18	3151
6.64667+	1	1.22512+	1	6.65111+	1	1.14730+	1	6.65710+	1	9.97201+	0	57	3	18	3152
6.66447+	1	8.12488+	0	6.67442+	1	5.69702+	0	6.68232+	1	4.33543+	0	57	3	18	3153
6.68250+	1	4.31770+	0	6.69027+	1	3.56792+	0	6.70027+	1	3.30161+	0	57	3	18	3154
6.71372+	1	3.52454+	0	6.71819+	1	3.59869+	0	6.72162+	1	3.62701+	0	57	3	18	3155
6.72470+	1	3.62486+	0	6.72778+	1	3.59421+	0	6.73121+	1	3.52605+	0	57	3	18	3156
6.73568+	1	3.38631+	0	6.74913+	1	2.77511+	0	6.75913+	1	2.33460+	0	57	3	18	3157
6.76240+	1	2.25480+	0	6.77212+	1	2.01716+	0	6.78050+	1	2.02514+	0	57	3	18	3158
6.78409+	1	2.02856+	0	6.79616+	1	2.34041+	0	6.80926+	1	3.07369+	0	57	3	18	3159

6.81680+	1	3.71776+	0	6.81936+	1	3.93632+	0	6.83292+	1	5.32251+	0	57	3	18	3160
6.83743+	1	5.76227+	0	6.84090+	1	6.08424+	0	6.84400+	1	6.33738+	0	57	3	18	3161
6.84710+	1	6.56208+	0	6.84850+	1	6.65362+	0	6.84989+	1	6.73969+	0	57	3	18	3162
6.85300+	1	6.91351+	0	6.85611+	1	7.06819+	0	6.85957+	1	7.23048+	0	57	3	18	3163
6.86408+	1	7.45563+	0	6.87766+	1	8.76950+	0	6.88776+	1	1.10636+	1	57	3	18	3164
6.89104+	1	1.21283+	1	6.89435+	1	1.33521+	1	6.90450+	1	1.78250+	1	57	3	18	3165
6.91816+	1	2.36446+	1	6.92269+	1	2.49207+	1	6.92618+	1	2.55456+	1	57	3	18	3166
6.92930+	1	2.58148+	1	6.93242+	1	2.58024+	1	6.93591+	1	2.54662+	1	57	3	18	3167
6.94000+	1	2.46613+	1	6.94044+	1	2.46347+	1	6.95410+	1	2.20450+	1	57	3	18	3168
6.96190+	1	2.07939+	1	6.96425+	1	2.02371+	1	6.97744+	1	2.06992+	1	57	3	18	3169
6.98000+	1	2.17773+	1	6.98463+	1	2.34554+	1	6.99187+	1	2.86632+	1	57	3	18	3170
7.00000+	1	3.93800+	1	7.00517+	1	4.50026+	1	7.01541+	1	6.27658+	1	57	3	18	3171
7.01810+	1	6.80868+	1	7.02917+	1	9.24839+	1	7.03374+	1	1.01555+	2	57	3	18	3172
7.03630+	1	1.06043+	2	7.03725+	1	1.07708+	2	7.04040+	1	1.12467+	2	57	3	18	3173
7.04355+	1	1.16422+	2	7.04706+	1	1.19815+	2	7.05163+	1	1.22545+	2	57	3	18	3174
7.05440+	1	1.22854+	2	7.05768+	1	1.23219+	2	7.06374+	1	1.20670+	2	57	3	18	3175
7.06832+	1	1.16769+	2	7.07184+	1	1.12715+	2	7.07260+	1	1.11673+	2	57	3	18	3176
7.07500+	1	1.08384+	2	7.07816+	1	1.03468+	2	7.08168+	1	9.73928+	1	57	3	18	3177
7.08626+	1	8.87811+	1	7.09070+	1	7.99257+	1	7.10005+	1	6.12774+	1	57	3	18	3178
7.10880+	1	4.60406+	1	7.11032+	1	4.33937+	1	7.11787+	1	3.33814+	1	57	3	18	3179
7.12547+	1	2.63167+	1	7.12700+	1	2.55132+	1	7.13579+	1	2.08972+	1	57	3	18	3180
7.14967+	1	1.85251+	1	7.15428+	1	1.83124+	1	7.15600+	1	1.82738+	1	57	3	18	3181
7.15782+	1	1.80275+	1	7.16100+	1	1.76450+	1	7.16418+	1	1.73087+	1	57	3	18	3182
7.16772+	1	1.69815+	1	7.17233+	1	1.67903+	1	7.18140+	1	1.82715+	1	57	3	18	3183
7.18621+	1	1.91257+	1	7.19230+	1	2.32352+	1	7.19653+	1	2.65060+	1	57	3	18	3184
7.19950+	1	2.98969+	1	7.19989+	1	3.03671+	1	7.20327+	1	3.50101+	1	57	3	18	3185
7.20680+	1	4.08521+	1	7.21040+	1	4.80678+	1	7.21366+	1	5.42570+	1	57	3	18	3186
7.21770+	1	6.18451+	1	7.22761+	1	7.75381+	1	7.23220+	1	8.22682+	1	57	3	18	3187
7.23224+	1	8.23123+	1	7.23581+	1	8.45512+	1	7.23900+	1	8.53797+	1	57	3	18	3188
7.24219+	1	8.50619+	1	7.24576+	1	8.33884+	1	7.25030+	1	7.94101+	1	57	3	18	3189
7.25039+	1	7.93645+	1	7.26375+	1	6.50101+	1	7.26850+	1	5.95894+	1	57	3	18	3190
7.27210+	1	5.13509+	1	7.27846+	1	4.02161+	1	7.28300+	1	3.37990+	1	57	3	18	3191
7.28356+	1	3.30630+	1	7.28748+	1	2.86144+	1	7.29020+	1	2.59182+	1	57	3	18	3192
7.29100+	1	2.52003+	1	7.29452+	1	2.24592+	1	7.29750+	1	2.04500+	1	57	3	18	3193
7.29844+	1	1.98623+	1	7.30354+	1	1.72034+	1	7.30840+	1	1.53988+	1	57	3	18	3194
7.31891+	1	1.14927+	1	7.32650+	1	9.59568+	0	7.33035+	1	8.63343+	0	57	3	18	3195
7.34519+	1	6.24842+	0	7.36280+	1	5.24923+	0	7.36597+	1	5.06936+	0	57	3	18	3196
7.37604+	1	5.39082+	0	7.38100+	1	6.00192+	0	7.38532+	1	6.53416+	0	57	3	18	3197
7.39910+	1	1.23180+	1	7.40447+	1	1.45715+	1	7.41815+	1	2.87211+	1	57	3	18	3198
7.42868+	1	4.45168+	1	7.44260+	1	6.50701+	1	7.44284+	1	6.54855+	1	57	3	18	3199
7.44754+	1	7.13528+	1	7.45116+	1	7.46209+	1	7.45440+	1	7.65342+	1	57	3	18	3200
7.45710+	1	7.73149+	1	7.45764+	1	7.76658+	1	7.46126+	1	7.89310+	1	57	3	18	3201
7.46596+	1	7.90394+	1	7.47890+	1	7.43028+	1	7.48012+	1	7.31190+	1	57	3	18	3202
7.48250+	1	7.08597+	1	7.48563+	1	6.57695+	1	7.48620+	1	6.49704+	1	57	3	18	3203
7.48980+	1	5.73150+	1	7.49117+	1	5.56173+	1	7.49340+	1	5.39477+	1	57	3	18	3204
7.49710+	1	5.12213+	1	7.50430+	1	4.68990+	1	7.50539+	1	4.62976+	1	57	3	18	3205
7.50790+	1	4.59461+	1	7.51011+	1	4.58590+	1	7.51375+	1	4.61601+	1	57	3	18	3206
7.51700+	1	4.66574+	1	7.51880+	1	4.70053+	1	7.52025+	1	4.75543+	1	57	3	18	3207
7.52389+	1	4.89846+	1	7.52861+	1	5.07706+	1	7.53553+	1	5.28224+	1	57	3	18	3208
7.54246+	1	5.36735+	1	7.54420+	1	5.35440+	1	7.54720+	1	5.33206+	1	57	3	18	3209
7.55084+	1	5.24651+	1	7.55410+	1	5.12535+	1	7.55736+	1	4.96190+	1	57	3	18	3210
7.55870+	1	4.87848+	1	7.56100+	1	4.73529+	1	7.56574+	1	4.37774+	1	57	3	18	3211
7.57999+	1	3.06033+	1	7.58050+	1	3.01441+	1	7.59060+	1	2.10498+	1	57	3	18	3212
7.60230+	1	1.32251+	1	7.60436+	1	1.18412+	1	7.61431+	1	7.72633+	0	57	3	18	3213
7.61680+	1	7.12704+	0	7.62433+	1	5.57334+	0	7.63821+	1	4.61435+	0	57	3	18	3214
7.64890+	1	4.78150+	0	7.66327+	1	5.51578+	0	7.66804+	1	5.78703+	0	57	3	18	3215
7.67171+	1	5.99155+	0	7.67480+	1	6.16403+	0	7.67500+	1	6.17106+	0	57	3	18	3216
7.67829+	1	6.29464+	0	7.68196+	1	6.45676+	0	7.68673+	1	6.74227+	0	57	3	18	3217
7.69660+	1	8.12596+	0	7.70110+	1	8.75606+	0	7.71110+	1	1.19237+	1	57	3	18	3218
7.71179+	1	1.21411+	1	7.71201+	1	1.22318+	1	7.71224+	1	1.23237+	1	57	3	18	3219
7.72298+	1	1.74693+	1	7.73741+	1	2.47769+	1	7.74221+	1	2.65992+	1	57	3	18	3220
7.74590+	1	2.76502+	1	7.74920+	1	2.83133+	1	7.75250+	1	2.87200+	1	57	3	18	3221
7.75619+	1	2.89043+	1	7.75620+	1	2.89042+	1	7.76099+	1	2.88227+	1	57	3	18	3222
7.76190+	1	2.87863+	1	7.77542+	1	2.82483+	1	7.78039+	1	2.85403+	1	57	3	18	3223
7.78537+	1	2.92163+	1	7.79987+	1	3.21635+	1	7.80468+	1	3.27594+	1	57	3	18	3224
7.80838+	1	3.28493+	1	7.81170+	1	3.25945+	1	7.81502+	1	3.19933+	1	57	3	18	3225
7.81872+	1	3.09075+	1	7.82353+	1	2.88854+	1	7.83000+	1	2.49813+	1	57	3	18	3226
7.83630+	1	2.61782+	1	7.83803+	1	2.52409+	1	7.84881+	1	1.91994+	1	57	3	18	3227
7.85440+	1	1.70613+	1	7.86281+	1	1.28214+	1	7.87260+	1	1.03963+	1	57	3	18	3228
7.88241+	1	8.28605+	0	7.88907+	1	7.74334+	0	7.89070+	1	7.68798+	0	57	3	18	3229

7.89578+	1	7.29088+	0	7.90880+	1	7.58666+	0	7.91558+	1	7.83280+	0	57	3	18	3230
7.92700+	1	1.02231+	1	7.92972+	1	1.06291+	1	7.94061+	1	1.35724+	1	57	3	18	3231
7.94510+	1	1.47722+	1	7.95525+	1	1.86861+	1	7.96011+	1	2.00192+	1	57	3	18	3232
7.96385+	1	2.07498+	1	7.96720+	1	2.11703+	1	7.97055+	1	2.13732+	1	57	3	18	3233
7.97429+	1	2.13662+	1	7.97915+	1	2.10657+	1	7.98140+	1	2.08482+	1	57	3	18	3234
7.99379+	1	2.12392+	1	7.99950+	1	2.19281+	1	8.00138+	1	2.19139+	1	57	3	18	3235
8.00680+	1	2.24425+	1	8.00900+	1	2.23750+	1	8.02370+	1	2.30156+	1	57	3	18	3236
8.02490+	1	2.29998+	1	8.02858+	1	2.34229+	1	8.03234+	1	2.35875+	1	57	3	18	3237
8.03570+	1	2.34936+	1	8.03906+	1	2.31524+	1	8.04282+	1	2.24870+	1	57	3	18	3238
8.04670+	1	2.14540+	1	8.04770+	1	2.12566+	1	8.06240+	1	1.65856+	1	57	3	18	3239
8.07334+	1	1.32685+	1	8.07570+	1	1.30193+	1	8.08660+	1	1.12157+	1	57	3	18	3240
8.08754+	1	1.10425+	1	8.08937+	1	1.10177+	1	8.09121+	1	1.10701+	1	57	3	18	3241
8.09750+	1	1.23774+	1	8.10551+	1	1.37481+	1	8.10840+	1	1.48755+	1	57	3	18	3242
8.11652+	1	1.79329+	1	8.13132+	1	2.36171+	1	8.13380+	1	2.41551+	1	57	3	18	3243
8.13623+	1	2.48263+	1	8.14001+	1	2.54143+	1	8.14340+	1	2.55584+	1	57	3	18	3244
8.14679+	1	2.53297+	1	8.15057+	1	2.46452+	1	8.15190+	1	2.42377+	1	57	3	18	3245
8.15548+	1	2.31429+	1	8.16280+	1	1.96128+	1	8.17028+	1	1.66216+	1	57	3	18	3246
8.18100+	1	1.20669+	1	8.18129+	1	1.19184+	1	8.19559+	1	6.75436+	0	57	3	18	3247
8.20000+	1	5.71719+	0	8.20001+	1	4.21719+	0	8.20008+	1	2.44055+	1	57	3	18	3248
1.15690+	2	2.18212+	1	1.48550+	2	2.15373+	1	1.90740+	2	1.97466+	1	57	3	18	3249
2.45000+	2	2.32546+	1	3.00000+	2	1.48996+	1	3.50000+	2	1.33750+	1	57	3	18	3250
4.00000+	2	1.22931+	1	4.50000+	2	1.37890+	1	5.00000+	2	1.52808+	1	57	3	18	3251
5.60000+	2	1.53932+	1	6.20000+	2	1.18106+	1	7.50000+	2	1.13219+	1	57	3	18	3252
8.00000+	2	1.67214+	1	8.30000+	2	8.69490+	0	9.00000+	2	7.83952+	0	57	3	18	3253
1.00000+	3	7.84719+	0	1.10000+	3	8.71628+	0	1.50000+	3	7.76206+	0	57	3	18	3254
1.80000+	3	6.92993+	0	2.00000+	3	6.32745+	0	2.50000+	3	5.63691+	0	57	3	18	3255
3.00000+	3	5.20953+	0	3.50000+	3	5.06546+	0	3.80000+	3	4.97888+	0	57	3	18	3256
4.50000+	3	4.55266+	0	5.00000+	3	4.25389+	0	5.50000+	3	4.11659+	0	57	3	18	3257
6.00000+	3	3.94824+	0	6.50000+	3	3.64861+	0	7.00000+	3	3.51016+	0	57	3	18	3258
7.50000+	3	3.49306+	0	8.00000+	3	3.37471+	0	8.50000+	3	3.14494+	0	57	3	18	3259
9.00000+	3	3.11729+	0	9.50000+	3	3.49710+	0	1.00000+	4	3.26580+	0	57	3	18	3260
1.25000+	4	3.00279+	0	1.30000+	4	3.01509+	0	1.32000+	4	3.02001+	0	57	3	18	3261
1.42000+	4	3.04460+	0	1.48000+	4	3.05936+	0	1.50000+	4	3.06428+	0	57	3	18	3262
1.61000+	4	2.72593+	0	1.63000+	4	2.66441+	0	1.65000+	4	2.60289+	0	57	3	18	3263
1.85000+	4	2.81333+	0	2.05000+	4	2.33038+	0	2.20000+	4	2.72154+	0	57	3	18	3264
2.25000+	4	2.65141+	0	2.33000+	4	2.53921+	0	2.35000+	4	2.51116+	0	57	3	18	3265
2.37000+	4	2.50595+	0	2.43000+	4	2.49031+	0	2.46000+	4	2.48249+	0	57	3	18	3266
2.50000+	4	2.47207+	0	2.50000+	4	2.28280+	0	2.53000+	4	2.27000+	0	57	3	18	3267
2.57000+	4	2.15000+	0	2.62000+	4	2.35000+	0	2.65000+	4	2.20000+	0	57	3	18	3268
2.72000+	4	2.25000+	0	2.75000+	4	2.36000+	0	2.83000+	4	2.37000+	0	57	3	18	3269
2.88000+	4	2.60000+	0	2.93000+	4	2.10000+	0	2.98000+	4	2.25000+	0	57	3	18	3270
3.00000+	4	2.26100+	0	3.11000+	4	2.32000+	0	3.13000+	4	2.50000+	0	57	3	18	3271
3.18000+	4	2.25000+	0	3.21000+	4	2.26000+	0	3.25000+	4	2.13000+	0	57	3	18	3272
3.28000+	4	2.21000+	0	3.42000+	4	2.20000+	0	3.45000+	4	2.15000+	0	57	3	18	3273
3.50000+	4	2.23000+	0	3.62000+	4	2.19000+	0	3.65000+	4	2.12000+	0	57	3	18	3274
3.70000+	4	2.18000+	0	3.79000+	4	2.05000+	0	3.87000+	4	2.22000+	0	57	3	18	3275
3.91000+	4	2.18000+	0	3.94000+	4	2.12000+	0	4.00000+	4	2.24060+	0	57	3	18	3276
4.04000+	4	2.32000+	0	4.10000+	4	2.16000+	0	4.15000+	4	2.00000+	0	57	3	18	3277
4.20000+	4	2.09000+	0	4.30000+	4	2.05000+	0	4.36000+	4	1.96000+	0	57	3	18	3278
4.38000+	4	2.02000+	0	4.43000+	4	2.01000+	0	4.48000+	4	1.94000+	0	57	3	18	3279
4.50000+	4	1.90490+	0	4.52000+	4	1.87000+	0	4.54000+	4	1.96000+	0	57	3	18	3280
4.50000+	4	1.97000+	0	4.62000+	4	2.03000+	0	4.65000+	4	2.05000+	0	57	3	18	3281
4.68000+	4	1.89000+	0	4.73000+	4	2.02000+	0	4.76000+	4	1.96000+	0	57	3	18	3282
4.82000+	4	1.98000+	0	4.84000+	4	2.04000+	0	4.88000+	4	2.05000+	0	57	3	18	3283
4.90000+	4	2.02000+	0	5.00000+	4	2.00330+	0	5.02000+	4	2.00000+	0	57	3	18	3284
5.06000+	4	1.93000+	0	5.09000+	4	2.04000+	0	5.12000+	4	2.02000+	0	57	3	18	3285
5.15000+	4	1.96000+	0	5.22000+	4	2.08000+	0	5.25000+	4	1.98000+	0	57	3	18	3286
5.35000+	4	2.02000+	0	5.39000+	4	1.98000+	0	5.42000+	4	1.91000+	0	57	3	18	3287
5.46000+	4	1.92000+	0	5.50000+	4	2.00000+	0	5.53000+	4	1.95000+	0	57	3	18	3288
5.57000+	4	1.94000+	0	5.61000+	4	1.91000+	0	5.67000+	4	1.98000+	0	57	3	18	3289
5.71000+	4	1.98000+	0	5.76000+	4	2.02000+	0	5.79000+	4	1.94000+	0	57	3	18	3290
5.83000+	4	1.92000+	0	5.87000+	4	1.86000+	0	5.91000+	4	1.96000+	0	57	3	18	3291
5.92000+	4	2.07000+	0	5.98000+	4	2.04000+	0	6.00000+	4	1.99590+	0	57	3	18	3292
6.03000+	4	1.93000+	0	6.12000+	4	1.96000+	0	6.15000+	4	1.90000+	0	57	3	18	3293
6.20000+	4	1.95000+	0	6.25000+	4	1.94000+	0	6.29000+	4	1.85000+	0	57	3	18	3294
6.32000+	4	1.78000+	0	6.42000+	4	1.77000+	0	6.47000+	4	1.87000+	0	57	3	18	3295
6.50000+	4	1.89250+	0	6.51000+	4	1.90000+	0	6.61000+	4	1.90000+	0	57	3	18	3296
6.65000+	4	1.85000+	0	6.70000+	4	1.89000+	0	6.74000+	4	1.85000+	0	57	3	18	3297
6.80000+	4	1.84000+	0	6.83000+	4	1.89000+	0	6.89000+	4	1.85000+	0	57	3	18	3298
6.94000+	4	1.92000+	0	7.00000+	4	1.89330+	0	7.03000+	4	1.88000+	0	57	3	18	3299

7.09000+	4	1.90000+	0	7.20000+	4	1.85000+	0	7.25000+	4	1.80000+	0	57	3	18	3300
7.31000+	4	1.81000+	0	7.37000+	4	1.76000+	0	7.41000+	4	1.79000+	0	57	3	18	3301
7.48000+	4	1.87000+	0	7.50000+	4	1.86200+	0	7.53000+	4	1.85000+	0	57	3	18	3302
7.58000+	4	1.88000+	0	7.65000+	4	1.89000+	0	7.70000+	4	1.79000+	0	57	3	18	3303
7.76000+	4	1.66000+	0	7.84000+	4	1.65000+	0	7.89000+	4	1.72000+	0	57	3	18	3304
7.94000+	4	1.78000+	0	8.00000+	4	1.80000+	0	8.07000+	4	1.80000+	0	57	3	18	3305
8.20000+	4	1.78000+	0	8.27000+	4	1.76500+	0	8.33000+	4	1.74500+	0	57	3	18	3306
8.40000+	4	1.82000+	0	8.47000+	4	1.76500+	0	8.50000+	4	1.75250+	0	57	3	18	3307
8.53000+	4	1.74000+	0	8.61000+	4	1.66000+	0	8.68000+	4	1.63500+	0	57	3	18	3308
8.75000+	4	1.65000+	0	8.83000+	4	1.78000+	0	8.90000+	4	1.73000+	0	57	3	18	3309
9.00000+	4	1.71460+	0	9.03000+	4	1.71000+	0	9.12000+	4	1.66000+	0	57	3	18	3310
9.28000+	4	1.66000+	0	9.36000+	4	1.70000+	0	9.44000+	4	1.56000+	0	57	3	18	3311
9.50000+	4	1.71770+	0	9.52000+	4	1.77000+	0	9.60000+	4	1.74500+	0	57	3	18	3312
9.68000+	4	1.67000+	0	9.77000+	4	1.64000+	0	9.85000+	4	1.67500+	0	57	3	18	3313
9.93000+	4	1.75000+	0	9.99000+	4	1.73000+	0	1.00000+	5	1.63500+	0	57	3	18	3314
1.03000+	5	1.62450+	0	1.20000+	5	1.57000+	0	1.35000+	5	1.52900+	0	57	3	18	3315
1.40000+	5	1.51760+	0	1.50000+	5	1.49600+	0	1.60000+	5	1.47800+	0	57	3	18	3316
1.73000+	5	1.44150+	0	1.80000+	5	1.42300+	0	2.00000+	5	1.38700+	0	57	3	18	3317
2.07000+	5	1.37370+	0	2.15000+	5	1.35900+	0	2.20000+	5	1.34940+	0	57	3	18	3318
2.25000+	5	1.34000+	0	2.35000+	5	1.32680+	0	2.40000+	5	1.32040+	0	57	3	18	3319
2.50000+	5	1.30800+	0	2.60000+	5	1.30350+	0	2.70000+	5	1.29920+	0	57	3	18	3320
2.80000+	5	1.29500+	0	3.00000+	5	1.28000+	0	3.20000+	5	1.24290+	0	57	3	18	3321
3.25000+	5	1.23400+	0	3.40000+	5	1.22850+	0	3.50000+	5	1.22500+	0	57	3	18	3322
3.60000+	5	1.22360+	0	3.80000+	5	1.22100+	0	4.00000+	5	1.21800+	0	57	3	18	3323
4.20000+	5	1.20930+	0	4.40000+	5	1.20100+	0	4.50000+	5	1.19700+	0	57	3	18	3324
4.60000+	5	1.19140+	0	4.70000+	5	1.18590+	0	4.80000+	5	1.18050+	0	57	3	18	3325
5.00000+	5	1.17000+	0	5.20000+	5	1.16450+	0	5.40000+	5	1.15950+	0	57	3	18	3326
5.50000+	5	1.15700+	0	5.60000+	5	1.15600+	0	5.70000+	5	1.15490+	0	57	3	18	3327
5.80000+	5	1.15390+	0	6.00000+	5	1.15200+	0	6.20000+	5	1.14870+	0	57	3	18	3328
6.40000+	5	1.14550+	0	6.50000+	5	1.14400+	0	6.60000+	5	1.14250+	0	57	3	18	3329
6.70000+	5	1.14100+	0	6.80000+	5	1.13900+	0	7.00000+	5	1.13500+	0	57	3	18	3330
7.20000+	5	1.13100+	0	7.30000+	5	1.12900+	0	7.40000+	5	1.12800+	0	57	3	18	3331
7.50000+	5	1.12700+	0	7.60000+	5	1.12850+	0	7.70000+	5	1.13000+	0	57	3	18	3332
7.75000+	5	1.13050+	0	7.80000+	5	1.13100+	0	8.00000+	5	1.13300+	0	57	3	18	3333
8.20000+	5	1.13990+	0	8.40000+	5	1.14670+	0	8.50000+	5	1.15000+	0	57	3	18	3334
8.60000+	5	1.15760+	0	8.80000+	5	1.17250+	0	9.00000+	5	1.18700+	0	57	3	18	3335
9.20000+	5	1.19960+	0	9.40000+	5	1.21190+	0	9.50000+	5	1.21800+	0	57	3	18	3336
9.60000+	5	1.22250+	0	9.70000+	5	1.22700+	0	9.80000+	5	1.22800+	0	57	3	18	3337
1.00000+	6	1.23000+	0	1.05000+	6	1.23250+	0	1.10000+	6	1.23500+	0	57	3	18	3338
1.15000+	6	1.23760+	0	1.20000+	6	1.24000+	0	1.25000+	6	1.24000+	0	57	3	18	3339
1.29500+	6	1.24000+	0	1.30000+	6	1.24000+	0	1.35000+	6	1.24000+	0	57	3	18	3340
1.40000+	6	1.24000+	0	1.45000+	6	1.24380+	0	1.49500+	6	1.24700+	0	57	3	18	3341
1.50000+	6	1.24740+	0	1.60000+	6	1.26520+	0	1.70000+	6	1.28600+	0	57	3	18	3342
1.80000+	6	1.30090+	0	1.90000+	6	1.30980+	0	2.00000+	6	1.31470+	0	57	3	18	3343
2.10000+	6	1.31670+	0	2.20000+	6	1.31670+	0	2.30000+	6	1.30910+	0	57	3	18	3344
2.40000+	6	1.29950+	0	2.50000+	6	1.29160+	0	2.60000+	6	1.28090+	0	57	3	18	3345
2.70000+	6	1.26910+	0	2.80000+	6	1.25150+	0	2.90000+	6	1.22790+	0	57	3	18	3346
3.00000+	6	1.20440+	0	3.10000+	6	1.18580+	0	3.20000+	6	1.17730+	0	57	3	18	3347
3.30000+	6	1.16910+	0	3.40000+	6	1.16160+	0	3.50000+	6	1.15440+	0	57	3	18	3348
3.60000+	6	1.14550+	0	3.70000+	6	1.13680+	0	3.80000+	6	1.12590+	0	57	3	18	3349
3.90000+	6	1.11520+	0	4.00000+	6	1.10540+	0	4.10000+	6	1.09700+	0	57	3	18	3350
4.20000+	6	1.08890+	0	4.30000+	6	1.08090+	0	4.40000+	6	1.07310+	0	57	3	18	3351
4.50000+	6	1.06710+	0	4.60000+	6	1.06130+	0	4.70000+	6	1.05840+	0	57	3	18	3352
4.80000+	6	1.05550+	0	4.90000+	6	1.05200+	0	5.00000+	6	1.04860+	0	57	3	18	3353
5.10000+	6	1.04610+	0	5.20000+	6	1.04370+	0	5.25000+	6	1.04420+	0	57	3	18	3354
5.30000+	6	1.04470+	0	5.40000+	6	1.04570+	0	5.50000+	6	1.04760+	0	57	3	18	3355
5.60000+	6	1.05000+	0	5.70000+	6	1.05500+	0	5.80000+	6	1.06310+	0	57	3	18	3356
5.90000+	6	1.07000+	0	6.00000+	6	1.08000+	0	6.10000+	6	1.09800+	0	57	3	18	3357
6.20000+	6	1.12520+	0	6.30000+	6	1.16400+	0	6.40000+	6	1.21250+	0	57	3	18	3358
6.50000+	6	1.26590+	0	6.60000+	6	1.31920+	0	6.70000+	6	1.36770+	0	57	3	18	3359
6.80000+	6	1.41330+	0	6.90000+	6	1.45500+	0	7.00000+	6	1.48500+	0	57	3	18	3360
7.10000+	6	1.51480+	0	7.20000+	6	1.55200+	0	7.30000+	6	1.57000+	0	57	3	18	3361
7.40000+	6	1.59500+	0	7.50000+	6	1.62000+	0	7.60000+	6	1.63450+	0	57	3	18	3362
7.65000+	6	1.64420+	0	7.70000+	6	1.66000+	0	7.80000+	6	1.67800+	0	57	3	18	3363
7.90000+	6	1.69800+	0	8.00000+	6	1.70720+	0	8.20000+	6	1.73150+	0	57	3	18	3364
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8.80000+	6	1.76060+	0	9.00000+	6	1.76060+	0	9.20000+	6	1.76060+	0	57	3	18	3366
9.40000+	6	1.75570+	0	9.50000+	6	1.75280+	0	9.60000+	6	1.75000+	0	57	3	18	3367
9.80000+	6	1.74000+	0	1.00000+	7	1.73000+	0	1.05000+	7	1.70000+	0	57	3	18	3368
1.10000+	7	1.69500+	0	1.15000+	7	1.70000+	0	1.19000+	7	1.73210+	0	57	3	18	3369
1.20000+	7	1.74000+	0	1.25000+	7	1.82000+	0	1.30000+	7	2.00000+	0	57	3	18	3370

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1.35000+ 7 2.08000+ 0 1.40000+ 7 2.13000+ 0 1.45000+ 7 2.15000+ 0  57 3 18 3371
1.50000+ 7 2.16000+ 0                                               57 3 18 3372
                                                                    57 3  0 3373
9.22350+ 4 2.33025+ 2          0          0          0          0  57 3 18 3374
0.         0.                  0          0          1          4  57 3 18 3375
         4          2          0          0          0          0  57 3 18 3376
1.0000E+03 1.0000E+01          0          0          1         56  57 3 18 3377
        56          2          0          0          0          0  57 3 18 3378
8.20008+ 1 2.75599+ 1 1.15690+ 2 2.44809+ 1 1.48550+ 2 2.57862+ 1  57 3 18 3379
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7.50000+ 2 1.64165+ 1 8.00000+ 2 1.53875+ 1 8.30000+ 2 1.12981+ 1  57 3 18 3383
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2.46000+ 4 2.70760+ 0 2.50000+ 4 2.69400+ 0 0.00000+ 0 0.00000+ 0  57 3 18 3397
1.0000E+03 1.0000E+02          0          0          1         56  57 3 18 3398
        56          2          0          0          0          0  57 3 18 3399
8.20008+ 1 2.19900+ 1 1.15690+ 2 1.99906+ 1 1.48550+ 2 1.99445+ 1  57 3 18 3400
1.90740+ 2 1.88165+ 1 2.45000+ 2 2.27770+ 1 3.00000+ 2 1.47169+ 1  57 3 18 3401
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5.00000+ 2 1.54709+ 1 5.60000+ 2 1.56288+ 1 6.20000+ 2 1.19472+ 1  57 3 18 3403
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2.46000+ 4 2.50267+ 0 2.50000+ 4 2.49200+ 0 0.00000+ 0 0.00000+ 0  57 3 18 3418
1.0000E+03 1.0000E+03          0          0          1         56  57 3 18 3419
        56          2          0          0          0          0  57 3 18 3420
8.20008+ 1 2.39799+ 1 1.15690+ 2 2.15107+ 1 1.48550+ 2 2.12679+ 1  57 3 18 3421
1.90740+ 2 1.95899+ 1 2.45000+ 2 2.31420+ 1 3.00000+ 2 1.48644+ 1  57 3 18 3422
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2.46000+ 4 2.48440+ 0 2.50000+ 4 2.47400+ 0 0.00000+ 0 0.00000+ 0  57 3 18 3439
1.0000E+03 1.0000E+04          0          0          1         56  57 3 18 3440
        56          2          0          0          0          0  57 3 18 3441
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2.46000+ 4 2.48240+ 0 2.50000+ 4 2.47200+ 0 0.00000+ 0 0.00000+ 0  57 3 18 3460
0.         0.                  0          0          0          0  57 3  0 3461
9.22350+ 4 2.33025+ 2          0          1          0          0  57 3 51 3462
0.00000+ 0-1.29400+ 4          0          0          1        333  57 3 51 3463
       333         2                                                57 3 51 3464
1.30000+ 4 1.00000- 5 1.32000+ 4 2.26162- 4 1.42000+ 4 1.30697- 3  57 3 51 3465
1.48000+ 4 1.95546- 3 1.50000+ 4 2.17162- 3 1.61000+ 4 3.36051- 3  57 3 51 3466
1.63000+ 4 3.57668- 3 1.65000+ 4 3.79284- 3 1.85000+ 4 5.95446- 3  57 3 51 3467
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9.22350+ 4 2.33025+ 2          0          2          0          0  57 3 52 3577
0.00000+ 0-4.96000+ 4          0          0          1        264  57 3 52 3578
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                                                                   57 3  0 3860
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0.00000+ 0-1.72000+ 5           0           0           1         166  57 3 56 3862
       166         2                                                   57 3 56 3863
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1.50000+ 7 1.00000- 5                                              57 3 56 3919
                                                                   57 3  0 3920
9.22350+ 4 2.33025+ 2          0          7          0          0  57 3 57 3921
0.00000+ 0-2.34000+ 5          0          0          1        159  57 3 57 3922
       159         2                                                57 3 57 3923
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                                                                   57 3  0 3977
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0.00000+ 0-2.68000+ 5          0          0          1        155  57 3 58 3979
       155          2                                               57 3 58 3980
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1.45000+ 7 1.00000- 5 1.50000+ 7 1.00000- 5                        57 3 58 4032
                                                                   57 3  0 4033
9.22350+ 4 2.33025+ 2          0          9          0          0  57 3 59 4034
0.00000+ 0-3.98000+ 5          0          0          1        146  57 3 59 4035
       146         2                                                57 3 59 4036
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                                                                   57 3  0 4086
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0.00000+ 0-5.97000+ 5          0           0          1        132  57 3 60 4088
       132         2                                                 57 3 60 4089
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                                                                   57 3  0 4134
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0.00000+ 0 0.00000+ 0          0           0          1        107  57 3 91 4136
       107         2                                                 57 3 91 4137
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1.45000+ 7 3.14000- 1 1.50000+ 7 3.04000- 1                        57 3 91 4173
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9.22350+ 4 2.33025+ 2          0          99          0          0  57 3102 4175
1.00000+ 3 6.54510+ 6          0           0          1       2455  57 3102 4176
      2455         2                                                57 3102 4177
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5.84920- 1 7.22639+ 0 6.24920- 1 6.51271+ 0 6.64920- 1 6.04289+ 0  57 3102 4218
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8.24920-	1	5.70181+	0	8.64920-	1	6.00990+	0	9.04920-	1	6.49606+	0	57	3102	4220
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1.00000+	0	9.18360+	0	1.02319+	0	1.11959+	1	1.05500+	0	1.59568+	1	57	3102	4222
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1.19250+	0	2.29313+	1	1.20000+	0	2.19198+	1	1.21800+	0	1.92027+	1	57	3102	4226
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1.78694+	0	3.53512+	0	1.79626+	0	3.58068+	0	1.79966+	0	3.59962+	0	57	3102	4231
1.81800+	0	3.85993+	0	1.87384+	0	4.65248+	0	1.90900+	0	6.99805+	0	57	3102	4232
1.92086+	0	7.78925-	0	1.95250+	0	1.44310+	1	1.97510+	0	2.32647+	1	57	3102	4233
1.99251+	0	3.18093+	1	2.00000+	0	3.50466+	1	2.01590+	0	4.19188+	1	57	3102	4234
2.02367+	0	4.39381+	1	2.02965+	0	4.48222+	1	2.03500+	0	4.50760+	1	57	3102	4235
2.04035+	0	4.48091+	1	2.04633+	0	4.39102+	1	2.05410+	0	4.18718+	1	57	3102	4236
2.07749+	0	3.17047+	1	2.09490+	0	2.31170+	1	2.11750+	0	1.42272+	1	57	3102	4237
2.14914+	0	7.50590+	0	2.18200+	0	5.22930+	0	2.19616+	0	4.24827+	0	57	3102	4238
2.21165+	0	3.82449+	0	2.27373+	0	2.96612+	0	2.36400+	0	2.65788+	0	57	3102	4239
2.45500+	0	2.34714+	0	2.46231+	0	2.32218+	0	2.54500+	0	2.29815+	0	57	3102	4240
2.58917+	0	2.28532+	0	2.63600+	0	2.34566+	0	2.67979+	0	3.54073+	0	57	3102	4241
2.69100+	0	3.86974+	0	2.74500+	0	4.91111+	0	2.74961+	0	4.85454+	0	57	3102	4242
2.80000+	0	4.43172+	0	2.81800+	0	4.20215+	0	2.84342+	0	3.65131+	0	57	3102	4243
2.85500+	0	3.43958+	0	2.87457+	0	3.64783+	0	2.89853+	0	3.93623+	0	57	3102	4244
2.92000+	0	4.22839+	0	2.92700+	0	4.34157+	0	2.94147+	0	4.57553+	0	57	3102	4245
2.94500+	0	4.64976+	0	2.96543+	0	5.07934+	0	2.99658+	0	6.03434+	0	57	3102	4246
3.01800+	0	7.28747+	0	3.05888+	0	9.67906+	0	3.07200+	0	1.07112+	1	57	3102	4247
3.09840+	0	1.27880+	1	3.11817+	0	1.40252+	1	3.13338+	0	1.46160+	1	57	3102	4248
3.14700+	0	1.48048+	1	3.16062+	0	1.46502+	1	3.17583+	0	1.40979+	1	57	3102	4249
3.18200+	0	1.37277+	1	3.19560+	0	1.29117+	1	3.21800+	0	1.12668+	1	57	3102	4250
3.25512+	0	8.54102+	0	3.27300+	0	7.71408+	0	3.29942+	0	6.49216+	0	57	3102	4251
3.35692+	0	5.77883+	0	3.36400+	0	6.01672+	0	3.43495-	0	8.40069+	0	57	3102	4252
3.45500+	0	1.10578+	1	3.48212+	0	1.46518+	1	3.49100+	0	1.70115+	1	57	3102	4253
3.51687+	0	2.33103+	1	3.54365+	0	3.23264+	1	3.54500+	0	3.27500+	1	57	3102	4254
3.57963+	0	4.31613+	1	3.58200+	0	4.35728+	1	3.59158+	0	4.60131+	1	57	3102	4255
3.60077+	0	4.75344+	1	3.60900+	0	4.82265+	1	3.61723+	0	4.82668+	1	57	3102	4256
3.62642+	0	4.75627+	1	3.63600+	0	4.59736+	1	3.63837+	0	4.55934+	1	57	3102	4257
3.67435+	0	3.52430+	1	3.69100+	0	3.00610+	1	3.70113+	0	2.60815+	1	57	3102	4258
3.72700+	0	1.83094+	1	3.73588+	0	1.57999+	1	3.78454+	0	8.53319+	0	57	3102	4259
3.81800+	0	6.58202+	0	3.85686+	0	4.47398+	0	3.90900+	0	3.38714+	0	57	3102	4260
3.97095+	0	2.57902+	0	4.00000+	0	2.48720+	0	4.09100+	0	2.19955+	0	57	3102	4261
4.16256+	0	1.97335+	0	4.18200+	0	1.96308+	0	4.22739+	0	1.93910+	0	57	3102	4262
4.29246+	0	1.96428+	0	4.36400+	0	2.19350+	0	4.48475+	0	2.58038+	0	57	3102	4263
4.54500+	0	3.50262+	0	4.59925+	0	5.01264+	0	4.63600+	0	8.55944+	0	57	3102	4264
4.67184+	0	1.25259+	1	4.72066+	0	3.05674+	1	4.72700+	0	3.54815+	1	57	3102	4265
4.75554+	0	5.55239+	1	4.78200+	0	8.14000+	1	4.78242+	0	8.18027+	1	57	3102	4266
4.80000+	0	9.76101+	1	4.81852+	0	1.15290+	2	4.83051+	0	1.22378+	2	57	3102	4267
4.83600+	0	1.24242+	2	4.83974+	0	1.24528+	2	4.84800+	0	1.23273+	2	57	3102	4268
4.85500+	0	1.20657+	2	4.85626+	0	1.20469+	2	4.86549+	0	1.16984+	2	57	3102	4269
4.87748+	0	1.09438+	2	4.89100+	0	9.60163+	1	4.90900+	0	8.32499+	1	57	3102	4270
4.91358+	0	7.91323+	1	4.94046+	0	5.31093+	1	4.94500+	0	4.99628+	1	57	3102	4271
4.97534+	0	2.76334+	1	4.98100+	0	2.57650+	1	5.02416+	0	1.10109+	1	57	3102	4272
5.09100+	0	5.47953+	0	5.09675+	0	4.95779+	0	5.13866+	0	3.74046+	0	57	3102	4273
5.14500+	0	3.62420+	0	5.18200+	0	3.23997+	0	5.18327+	0	3.22679+	0	57	3102	4274
5.26052+	0	3.08649+	0	5.27300+	0	3.19060+	0	5.30900+	0	3.49094+	0	57	3102	4275
5.31248+	0	3.51997+	0	5.34960+	0	4.17208+	0	5.37820+	0	4.80715+	0	57	3102	4276
5.41663+	0	5.56359+	0	5.42939+	0	5.72038+	0	5.43921+	0	5.79404+	0	57	3102	4277
5.44800+	0	5.82229+	0	5.45679+	0	5.81403+	0	5.46661+	0	5.76259+	0	57	3102	4278
5.46744+	0	5.75626+	0	5.53736+	0	4.55554+	0	5.54500+	0	4.43874+	0	57	3102	4279
5.60000+	0	3.59794+	0	5.65500+	0	3.35754+	0	5.66264+	0	3.32415+	0	57	3102	4280
5.72700+	0	3.45778+	0	5.73256+	0	3.46932+	0	5.81800+	0	4.05980+	0	57	3102	4281
5.82346+	0	4.09753+	0	5.90900+	0	6.67205+	0	6.00000+	0	9.41090+	0	57	3102	4282
6.04863+	0	1.08746+	1	6.09100+	0	1.54437+	1	6.12963+	0	2.04029+	1	57	3102	4283
6.16232+	0	2.83431+	1	6.16400+	0	2.90139+	1	6.18747+	0	3.85569+	1	57	3102	4284
6.21000+	0	5.29554+	1	6.21800+	0	6.07346+	1	6.23253+	0	7.32831+	1	57	3102	4285
6.25500+	0	1.03086+	2	6.25768+	0	1.06857+	2	6.29037+	0	1.71903+	2	57	3102	4286
6.29100+	0	1.73327+	2	6.33106+	0	2.64530+	2	6.34818+	0	2.95983+	2	57	3102	4287
6.36194+	0	3.13563+	2	6.37252+	0	3.21198+	2	6.38200+	0	3.23245+	2	57	3102	4288

6.39148+	0	3.20639+	2	6.40206+	0	3.12381+	2	6.41582+	0	2.93999+	2	57	3102	4289
6.41800+	0	2.89343+	2	6.45500+	0	2.10283+	2	6.45725+	0	2.05612+	2	57	3102	4290
6.48808+	0	1.37010+	2	6.49100+	0	1.32320+	2	6.52810+	0	7.10312+	1	57	3102	4291
6.54500+	0	5.84209+	1	6.58412+	0	2.74789+	1	6.63600+	0	1.64425+	1	57	3102	4292
6.66741+	0	1.07484+	1	6.72052+	0	8.45670+	0	6.72700+	0	8.38988+	0	57	3102	4293
6.77646+	0	7.87972+	0	6.81800+	0	9.68507+	0	6.86416+	0	1.16912+	1	57	3102	4294
6.92315+	0	2.34313+	1	6.96529+	0	4.08294+	1	6.98200+	0	4.99382+	1	57	3102	4295
6.99776+	0	5.85291+	1	7.04138+	0	8.01208+	1	7.05587+	0	8.44892+	1	57	3102	4296
7.06702+	0	8.63999+	1	7.07700+	0	8.69379+	1	7.08698+	0	8.63381+	1	57	3102	4297
7.09813+	0	8.43582+	1	7.11262+	0	7.98990+	1	7.15624+	0	5.80234+	1	57	3102	4298
7.18200+	0	4.37992+	1	7.18871+	0	4.00941+	1	7.23085+	0	2.23594+	1	57	3102	4299
7.28984+	0	1.00285+	1	7.29100+	0	9.95998+	0	7.37754+	0	4.83130+	0	57	3102	4300
7.51588+	0	3.14612+	0	7.74821+	0	2.73182+	0	7.81800+	0	2.83330+	0	57	3102	4301
7.84976+	0	3.22853+	0	7.97215+	0	4.98847+	0	8.00000+	0	5.58488+	0	57	3102	4302
8.18100+	0	8.04147+	0	8.25212+	0	9.23208+	0	8.36300+	0	1.44096+	1	57	3102	4303
8.41882+	0	1.43560+	1	8.45300+	0	1.80295+	1	8.52451+	0	2.86711+	1	57	3102	4304
8.59560+	0	5.93414+	1	8.64639+	0	1.00096+	2	8.68551+	0	1.40204+	2	57	3102	4305
8.73808+	0	1.88613+	2	8.75554+	0	1.98437+	2	8.76897+	0	2.02787+	2	57	3102	4306
8.78100+	0	2.04091+	2	8.79303+	0	2.02883+	2	8.80646+	0	1.98641+	2	57	3102	4307
8.82392+	0	1.88961+	2	8.87649+	0	1.41038+	2	8.91561+	0	1.01391+	2	57	3102	4308
8.92500+	0	9.40230+	1	8.96640+	0	6.34957+	1	9.01500+	0	4.65606+	1	57	3102	4309
9.03749+	0	3.76508+	1	9.03990+	0	3.71484+	1	9.04219+	0	3.66928+	1	57	3102	4310
9.05200+	0	3.59071+	1	9.10600+	0	3.15820+	1	9.10977+	0	3.12802+	1	57	3102	4311
9.15804+	0	3.47449+	1	9.17900+	0	3.75769+	1	9.19523+	0	3.91240+	1	57	3102	4312
9.23300+	0	4.23962+	1	9.24520+	0	4.33426+	1	9.26180+	0	4.36822+	1	57	3102	4313
9.27456+	0	4.34455+	1	9.28600+	0	4.28288+	1	9.29744+	0	4.18185+	1	57	3102	4314
9.30600+	0	4.07558+	1	9.31020+	0	4.03566+	1	9.32680+	0	3.81159+	1	57	3102	4315
9.36000+	0	3.15710+	1	9.37677+	0	2.86818+	1	9.41396+	0	2.14803+	1	57	3102	4316
9.42072+	0	2.02625+	1	9.43200+	0	1.83653+	1	9.43624+	0	1.77088+	1	57	3102	4317
9.45100+	0	1.63614+	1	9.50500+	0	1.15166+	1	9.52162+	0	1.00208+	1	57	3102	4318
9.54100+	0	9.86265+	0	9.63634+	0	7.20405+	0	9.67444+	0	6.93842+	0	57	3102	4319
9.70374+	0	6.77312+	0	9.70400+	0	6.77157+	0	9.73000+	0	6.61313+	0	57	3102	4320
9.75626+	0	6.42665+	0	9.75900+	0	6.40435+	0	9.78556+	0	6.18857+	0	57	3102	4321
9.82366+	0	5.86690+	0	9.93838+	0	5.87401+	0	9.99500+	0	7.83957+	0	57	3102	4322
1.00238+	1	9.29486+	0	1.00390+	1	1.04714+	1	1.00460+	1	1.10434+	1	57	3102	4323
1.00850+	1	1.44849+	1	1.00850+	1	1.44879+	1	1.01373+	1	1.58119+	1	57	3102	4324
1.01547+	1	1.57987+	1	1.01680+	1	1.55593+	1	1.01760+	1	1.52933+	1	57	3102	4325
1.01800+	1	1.53168+	1	1.01920+	1	1.52081+	1	1.02053+	1	1.48801+	1	57	3102	4326
1.02227+	1	1.41544+	1	1.02519+	1	1.23373+	1	1.02670+	1	1.16140+	1	57	3102	4327
1.03390+	1	9.59051+	0	1.04300+	1	5.93561+	0	1.04745+	1	3.83286+	0	57	3102	4328
1.06069+	1	3.37958+	0	1.06290+	1	3.40092+	0	1.07087+	1	3.67596+	0	57	3102	4329
1.07200+	1	3.72728+	0	1.08000+	1	3.96038+	0	1.08110+	1	4.00118+	0	57	3102	4330
1.08913+	1	4.22001+	0	1.09370+	1	4.40691+	0	1.09920+	1	4.67104+	0	57	3102	4331
1.09931+	1	4.67810+	0	1.11255+	1	6.02457+	0	1.12640+	1	5.35863+	1	57	3102	4332
1.14090+	1	1.24162+	2	1.14450+	1	1.16601+	2	1.14810+	1	1.28680+	2	57	3102	4333
1.15242+	1	1.41800+	2	1.15540+	1	1.96475+	2	1.15593+	1	2.06462+	2	57	3102	4334
1.15643+	1	2.16254+	2	1.16203+	1	3.16297+	2	1.16389+	1	3.37106+	2	57	3102	4335
1.16532+	1	3.46357+	2	1.16660+	1	3.49122+	2	1.16788+	1	3.46520+	2	57	3102	4336
1.16931+	1	3.37452+	2	1.17117+	1	3.16884+	2	1.17677+	1	2.17612+	2	57	3102	4337
1.18094+	1	1.39910+	2	1.18620+	1	7.08922+	1	1.18635+	1	6.89193+	1	57	3102	4338
1.18980+	1	5.68754+	1	1.19393+	1	2.88390+	1	1.20000+	1	2.42090+	1	57	3102	4339
1.20255+	1	2.25277+	1	1.20910+	1	3.36535+	1	1.21143+	1	3.70977+	1	57	3102	4340
1.21450+	1	5.68032+	1	1.21924+	1	8.69137+	1	1.22000+	1	9.77449+	1	57	3102	4341
1.22482+	1	1.65389+	2	1.22911+	1	2.48652+	2	1.23489+	1	3.52847+	2	57	3102	4342
1.23500+	1	3.54105+	2	1.23680+	1	3.74519+	2	1.23828+	1	3.84090+	2	57	3102	4343
1.23960+	1	3.86867+	2	1.24092+	1	3.84016+	2	1.24240+	1	3.74362+	2	57	3102	4344
1.24431+	1	3.52555+	2	1.24900+	1	2.66587+	2	1.24910+	1	2.64757+	2	57	3102	4345
1.25009+	1	2.46642+	2	1.25438+	1	1.62118+	2	1.25440+	1	1.61890+	2	57	3102	4346
1.25996+	1	8.22103+	1	1.26264+	1	5.82548+	1	1.26536+	1	4.16813+	1	57	3102	4347
1.27104+	1	2.40121+	1	1.27542+	1	1.87542+	1	1.28130+	1	1.58336+	1	57	3102	4348
1.28325+	1	1.52650+	1	1.28475+	1	1.48289+	1	1.28610+	1	1.44195+	1	57	3102	4349
1.28745+	1	1.39825+	1	1.28895+	1	1.34569+	1	1.29090+	1	1.27129+	1	57	3102	4350
1.29678+	1	1.02473+	1	1.30116+	1	8.55422+	0	1.30583+	1	7.23186+	0	57	3102	4351
1.31097+	1	6.47559+	0	1.31577+	1	6.29996+	0	1.32223+	1	6.40612+	0	57	3102	4352
1.32437+	1	6.42352+	0	1.32602+	1	6.40795+	0	1.32750+	1	6.37158+	0	57	3102	4353
1.32898+	1	6.31037+	0	1.33063+	1	6.21469+	0	1.33277+	1	6.04934+	0	57	3102	4354
1.33923+	1	5.43041+	0	1.34403+	1	5.09437+	0	1.34941+	1	5.10154+	0	57	3102	4355
1.35446+	1	5.55910+	0	1.35897+	1	6.25951+	0	1.36504+	1	7.28103+	0	57	3102	4356
1.36706+	1	7.55130+	0	1.36861+	1	7.71725+	0	1.37000+	1	7.83072+	0	57	3102	4357
1.37139+	1	7.90961+	0	1.37294+	1	7.95766+	0	1.37496+	1	7.96376+	0	57	3102	4358
1.37660+	1	7.92322+	0	1.38232+	1	7.61032+	0	1.38935+	1	7.22192+	0	57	3102	4359

1.39475+	1	7.03869+	0	1.39960+	1	6.88620+	0	1.40445+	1	6.66900+	0	57	3102	4360
1.40850+	1	6.41739+	0	1.40985+	1	6.33339+	0	1.41688+	1	5.94624+	0	57	3102	4361
1.42670+	1	1.03992+	1	1.43570+	1	1.44821+	1	1.43806+	1	1.55512+	1	57	3102	4362
1.44120+	1	2.02552+	1	1.44190+	1	2.13086+	1	1.44304+	1	2.31532+	1	57	3102	4363
1.44480+	1	2.57292+	1	1.44929+	1	3.24466+	1	1.45137+	1	3.43906+	1	57	3102	4364
1.45297+	1	3.52532+	1	1.45440+	1	3.55086+	1	1.45583+	1	3.52611+	1	57	3102	4365
1.45743+	1	3.44068+	1	1.45951+	1	3.24723+	1	1.46110+	1	3.00916+	1	57	3102	4366
1.46470+	1	2.51057+	1	1.46576+	1	2.35028+	1	1.47041+	1	1.60915+	1	57	3102	4367
1.47370+	1	1.23855+	1	1.47646+	1	9.24252+	0	1.48491+	1	5.11693+	0	57	3102	4368
1.49010+	1	4.71391+	0	1.49688+	1	3.95306+	0	1.50000+	1	4.30189+	0	57	3102	4369
1.50910+	1	5.65010+	0	1.50920+	1	5.65685+	0	1.51790+	1	1.06352+	1	57	3102	4370
1.51820+	1	1.10301+	1	1.52412+	1	1.92983+	1	1.52730+	1	2.53073+	1	57	3102	4371
1.52891+	1	2.83455+	1	1.53535+	1	3.95896+	1	1.53640+	1	4.07314+	1	57	3102	4372
1.53748+	1	4.19036+	1	1.53913+	1	4.29347+	1	1.54060+	1	4.32499+	1	57	3102	4373
1.54207+	1	4.29749+	1	1.54372+	1	4.19891+	1	1.54550+	1	4.01096+	1	57	3102	4374
1.54585+	1	3.97355+	1	1.55229+	1	2.86959+	1	1.55450+	1	2.46143+	1	57	3102	4375
1.55708+	1	2.04507+	1	1.56330+	1	1.36218+	1	1.56360+	1	1.35437+	1	57	3102	4376
1.57200+	1	1.07063+	1	1.57270+	1	1.08469+	1	1.57433+	1	1.09200+	1	57	3102	4377
1.57671+	1	1.16031+	1	1.58180+	1	1.74282+	1	1.58560+	1	2.11821+	1	57	3102	4378
1.59090+	1	3.58978+	1	1.59196+	1	3.87536+	1	1.59685+	1	5.82761+	1	57	3102	4379
1.60000+	1	7.02766+	1	1.60343+	1	8.41621+	1	1.60561+	1	8.97169+	1	57	3102	4380
1.60729+	1	9.21847+	1	1.60880+	1	9.29173+	1	1.60910+	1	9.27770+	1	57	3102	4381
1.61031+	1	9.22134+	1	1.61199+	1	8.97783+	1	1.61417+	1	8.42680+	1	57	3102	4382
1.61820+	1	6.80578+	1	1.62075+	1	5.82121+	1	1.62564+	1	3.85210+	1	57	3102	4383
1.62730+	1	3.40464+	1	1.63200+	1	2.11825+	1	1.63640+	1	1.59505+	1	57	3102	4384
1.63749+	1	1.45220+	1	1.64309+	1	1.29142+	1	1.64360+	1	1.30989+	1	57	3102	4385
1.64910+	1	1.47310+	1	1.64956+	1	1.47154+	1	1.65450+	1	1.60648+	1	57	3102	4386
1.65454+	1	1.60913+	1	1.66123+	1	2.02876+	1	1.66346+	1	2.11186+	1	57	3102	4387
1.66360+	1	2.11473+	1	1.66517+	1	2.14630+	1	1.66670+	1	2.15328+	1	57	3102	4388
1.66823+	1	2.13708+	1	1.66994+	1	2.09221+	1	1.67217+	1	1.99499+	1	57	3102	4389
1.67270+	1	1.95721+	1	1.67886+	1	1.52168+	1	1.68180+	1	1.28673+	1	57	3102	4390
1.68384+	1	1.12370+	1	1.69031+	1	7.10005+	0	1.69090+	1	6.89443+	0	57	3102	4391
1.69450+	1	5.63978+	0	1.69936+	1	3.94600+	0	1.70000+	1	3.87496+	0	57	3102	4392
1.70910+	1	3.21888+	0	1.71282+	1	2.94801+	0	1.71810+	1	3.06814+	0	57	3102	4393
1.72730+	1	2.91978+	0	1.73405+	1	2.81090+	0	1.73457+	1	2.81380+	0	57	3102	4394
1.73511+	1	2.81728+	0	1.73640+	1	2.85685+	0	1.74550+	1	3.13490+	0	57	3102	4395
1.75450+	1	3.40991+	0	1.75720+	1	3.59918+	0	1.76360+	1	4.72454+	0	57	3102	4396
1.77121+	1	5.76098+	0	1.77270+	1	6.32647+	0	1.78063+	1	9.14487+	0	57	3102	4397
1.78180+	1	9.88606+	0	1.78736+	1	1.30061+	1	1.79090+	1	1.54823+	1	57	3102	4398
1.79254+	1	1.67877+	1	1.79951+	1	2.15805+	1	1.80183+	1	2.25506+	1	57	3102	4399
1.80361+	1	2.29934+	1	1.80520+	1	2.31471+	1	1.80679+	1	2.30662+	1	57	3102	4400
1.80857+	1	2.27049+	1	1.80910+	1	2.25076+	1	1.81089+	1	2.18413+	1	57	3102	4401
1.81786+	1	1.73804+	1	1.81820+	1	1.71276+	1	1.82304+	1	1.35292+	1	57	3102	4402
1.82730+	1	1.09779+	1	1.82977+	1	9.49857+	0	1.83640+	1	7.45195+	0	57	3102	4403
1.83919+	1	6.80731+	0	1.84550+	1	6.97605+	0	1.85004+	1	6.92488+	0	57	3102	4404
1.85450+	1	7.68710+	0	1.86116+	1	8.82345+	0	1.86360+	1	9.88023+	0	57	3102	4405
1.87082+	1	1.18744+	1	1.87270+	1	1.30907+	1	1.87772+	1	1.67237+	1	57	3102	4406
1.88180+	1	2.12148+	1	1.88303+	1	2.26160+	1	1.89017+	1	3.37579+	1	57	3102	4407
1.89090+	1	3.52508+	1	1.89254+	1	3.86048+	1	1.89437+	1	4.29513+	1	57	3102	4408
1.89600+	1	4.74468+	1	1.89763+	1	5.26589+	1	1.89946+	1	5.95241+	1	57	3102	4409
1.90000+	1	6.20244+	1	1.90183+	1	7.04978+	1	1.90897+	1	1.22141+	2	57	3102	4410
1.91278+	1	1.62079+	2	1.91662+	1	2.08083+	2	1.92382+	1	2.86207+	2	57	3102	4411
1.92621+	1	3.02100+	2	1.92805+	1	3.09010+	2	1.92970+	1	3.10874+	2	57	3102	4412
1.93135+	1	3.08534+	2	1.93319+	1	3.01075+	2	1.93558+	1	2.84406+	2	57	3102	4413
1.93810+	1	2.55985+	2	1.94278+	1	2.03204+	2	1.94360+	1	1.93126+	2	57	3102	4414
1.94550+	1	1.69773+	2	1.94815+	1	1.37203+	2	1.94910+	1	1.28385+	2	57	3102	4415
1.95090+	1	1.11678+	2	1.95270+	1	9.59963+	1	1.95450+	1	7.97440+	1	57	3102	4416
1.95510+	1	7.41123+	1	1.96180+	1	4.26790+	1	1.96411+	1	3.18720+	1	57	3102	4417
1.96720+	1	2.74139+	1	1.97270+	1	1.95029+	1	1.97690+	1	1.36104+	1	57	3102	4418
1.98180+	1	1.16830+	1	1.98679+	1	9.72259+	0	1.99090+	1	9.18945+	0	57	3102	4419
1.99441+	1	8.61571+	0	2.00000+	1	8.65805+	0	2.00464+	1	8.64727+	0	57	3102	4420
2.00804+	1	8.92662+	0	2.00910+	1	9.02605+	0	2.01066+	1	9.24087+	0	57	3102	4421
2.01300+	1	9.54158+	0	2.01534+	1	9.80068+	0	2.01707+	1	9.95555+	0	57	3102	4422
2.01831+	1	1.00465+	1	2.02000+	1	1.01437+	1	2.02169+	1	1.02165+	1	57	3102	4423
2.02357+	1	1.02820+	1	2.02602+	1	1.03777+	1	2.02730+	1	1.05557+	1	57	3102	4424
2.03339+	1	1.14003+	1	2.03640+	1	1.27011+	1	2.03887+	1	1.31873+	1	57	3102	4425
2.04040+	1	1.38157+	1	2.04194+	1	1.45954+	1	2.04550+	1	1.70181+	1	57	3102	4426
2.04748+	1	1.78851+	1	2.05450+	1	2.13597+	1	2.05492+	1	2.17698+	1	57	3102	4427
2.05739+	1	2.36279+	1	2.05820+	1	2.41047+	1	2.05930+	1	2.54783+	1	57	3102	4428
2.06100+	1	2.73825+	1	2.06270+	1	2.90896+	1	2.06360+	1	2.99051+	1	57	3102	4429
2.06461+	1	3.09326+	1	2.06708+	1	3.33543+	1	2.06730+	1	3.36606+	1	57	3102	4430

2.07270+	1	4.19294+	1	2.07452+	1	4.40868+	1	2.07640+	1	4.93902+	1	57	3102	4431
2.08006+	1	5.88333+	1	2.08180+	1	6.68897+	1	2.08397+	1	7.61581+	1	57	3102	4432
2.08792+	1	1.00754+	2	2.09090+	1	1.24747+	2	2.09353+	1	1.44794+	2	57	3102	4433
2.10000+	1	1.92154+	2	2.10105+	1	1.99108+	2	2.10355+	1	2.08270+	2	57	3102	4434
2.10360+	1	2.08342+	2	2.10548+	1	2.11351+	2	2.10720+	1	2.10831+	2	57	3102	4435
2.10892+	1	2.07118+	2	2.10910+	1	2.06398+	2	2.11085+	1	1.97532+	2	57	3102	4436
2.11270+	1	1.84217+	2	2.11335+	1	1.80740+	2	2.11820+	1	1.40033+	2	57	3102	4437
2.12087+	1	1.20246+	2	2.12180+	1	1.12921+	2	2.12640+	1	8.09793+	1	57	3102	4438
2.12648+	1	8.03749+	1	2.13375+	1	3.95022+	1	2.13640+	1	3.36009+	1	57	3102	4439
2.14000+	1	2.44318+	1	2.14393+	1	1.39449+	1	2.14550+	1	1.30394+	1	57	3102	4440
2.15450+	1	7.49646+	0	2.15906+	1	4.71212+	0	2.17270+	1	3.43317+	0	57	3102	4441
2.18293+	1	2.46818+	0	2.19090+	1	2.34551+	0	2.19857+	1	2.23166+	0	57	3102	4442
2.20910+	1	2.31615+	0	2.21488+	1	2.36256+	0	2.22730+	1	2.81234+	0	57	3102	4443
2.23979+	1	3.55312+	0	2.24550+	1	4.52155+	0	2.25558+	1	5.96092+	0	57	3102	4444
2.26360+	1	1.04345+	1	2.26620+	1	1.20483+	1	2.27379+	1	2.18435+	1	57	3102	4445
2.27963+	1	3.21729+	1	2.28180+	1	3.58533+	1	2.28749+	1	4.46233+	1	57	3102	4446
2.29010+	1	4.72225+	1	2.29210+	1	4.84645+	1	2.29390+	1	4.89737+	1	57	3102	4447
2.29570+	1	4.89180+	1	2.29770+	1	4.82456+	1	2.30000+	1	4.68068+	1	57	3102	4448
2.30031+	1	4.66958+	1	2.30817+	1	4.33199+	1	2.31150+	1	4.58577+	1	57	3102	4449
2.31401+	1	4.70881+	1	2.31743+	1	5.44091+	1	2.32088+	1	6.68101+	1	57	3102	4450
2.32300+	1	7.79994+	1	2.32679+	1	9.76381+	1	2.33472+	1	1.42378+	2	57	3102	4451
2.33736+	1	1.52582+	2	2.33938+	1	1.57537+	2	2.34120+	1	1.59547+	2	57	3102	4452
2.34302+	1	1.59163+	2	2.34504+	1	1.55958+	2	2.34600+	1	1.52999+	2	57	3102	4453
2.34768+	1	1.47979+	2	2.35100+	1	1.32966+	2	2.35504+	1	1.10441+	2	57	3102	4454
2.35824+	1	9.19085+	1	2.36070+	1	7.84378+	1	2.36290+	1	6.74141+	1	57	3102	4455
2.36510+	1	5.75825+	1	2.36756+	1	4.80942+	1	2.36900+	1	4.35491+	1	57	3102	4456
2.37076+	1	3.81547+	1	2.38039+	1	2.01121+	1	2.38740+	1	1.39396+	1	57	3102	4457
2.38756+	1	1.38006+	1	2.39641+	1	1.23997+	1	2.40110+	1	1.53186+	1	57	3102	4458
2.40382+	1	1.70011+	1	2.40983+	1	2.41986+	1	2.41030+	1	2.48290+	1	57	3102	4459
2.41791+	1	3.49326+	1	2.42059+	1	3.76486+	1	2.42265+	1	3.91551+	1	57	3102	4460
2.42450+	1	3.99953+	1	2.42635+	1	4.03139+	1	2.42841+	1	4.00381+	1	57	3102	4461
2.43074+	1	3.89487+	1	2.43308+	1	3.71069+	1	2.43515+	1	3.49527+	1	57	3102	4462
2.43700+	1	3.26967+	1	2.43790+	1	3.14939+	1	2.43885+	1	3.02410+	1	57	3102	4463
2.44092+	1	2.73665+	1	2.44361+	1	2.35624+	1	2.45170+	1	1.34155+	1	57	3102	4464
2.45214+	1	1.29625+	1	2.45412+	1	1.10794+	1	2.46090+	1	9.47271+	0	57	3102	4465
2.48390+	1	4.29577+	0	2.49039+	1	2.57880+	0	2.50243+	1	2.65780+	0	57	3102	4466
2.50690+	1	2.76359+	0	2.51170+	1	2.78336+	0	2.51610+	1	2.86170+	0	57	3102	4467
2.52000+	1	2.81455+	0	2.52830+	1	2.84497+	0	2.53450+	1	2.96308+	0	57	3102	4468
2.53757+	1	3.23316+	0	2.54684+	1	4.04668+	0	2.55104+	1	4.33349+	0	57	3102	4469
2.55290+	1	4.41942+	0	2.55524+	1	4.53237+	0	2.55750+	1	4.58381+	0	57	3102	4470
2.55900+	1	4.68314+	0	2.56276+	1	4.83761+	0	2.56696+	1	4.90684+	0	57	3102	4471
2.57130+	1	4.88042+	0	2.57242+	1	4.94836+	0	2.58510+	1	5.63563+	0	57	3102	4472
2.58886+	1	5.38043+	0	2.60110+	1	5.21878+	0	2.60340+	1	5.46404+	0	57	3102	4473
2.61260+	1	5.85324+	0	2.61698+	1	6.08129+	0	2.61781+	1	6.21313+	0	57	3102	4474
2.61824+	1	6.28481+	0	2.62180+	1	7.09694+	0	2.62639+	1	7.97191+	0	57	3102	4475
2.63267+	1	9.61007+	0	2.64111+	1	1.15047+	1	2.64391+	1	1.18256+	1	57	3102	4476
2.64480+	1	1.18638+	1	2.64607+	1	1.19950+	1	2.64800+	1	1.20707+	1	57	3102	4477
2.64993+	1	1.20259+	1	2.65209+	1	1.18363+	1	2.65400+	1	1.15286+	1	57	3102	4478
2.65489+	1	1.14146+	1	2.65949+	1	1.04253+	1	2.66529+	1	8.77297+	0	57	3102	4479
2.66884+	1	7.73305+	0	2.67156+	1	6.98606+	0	2.67400+	1	6.38292+	0	57	3102	4480
2.67644+	1	5.85809+	0	2.67916+	1	5.37736+	0	2.68271+	1	4.93108+	0	57	3102	4481
2.69337+	1	4.81371+	0	2.69671+	1	5.09970+	0	2.69938+	1	5.39872+	0	57	3102	4482
2.70000+	1	5.47231+	0	2.70792+	1	6.61355+	0	2.71076+	1	6.91989+	0	57	3102	4483
2.71294+	1	7.08690+	0	2.71380+	1	7.12721+	0	2.71490+	1	7.13917+	0	57	3102	4484
2.71686+	1	7.10437+	0	2.71904+	1	7.00185+	0	2.72188+	1	6.79407+	0	57	3102	4485
2.73042+	1	5.90995+	0	2.73678+	1	5.61815+	0	2.73680+	1	5.62104+	0	57	3102	4486
2.74140+	1	6.25987+	0	2.74503+	1	6.76444+	0	2.74706+	1	7.42959+	0	57	3102	4487
2.74911+	1	8.28609+	0	2.75746+	1	1.37388+	1	2.75980+	1	1.58698+	1	57	3102	4488
2.76390+	1	1.96025+	1	2.77254+	1	2.70102+	1	2.77541+	1	2.86078+	1	57	3102	4489
2.77762+	1	2.93839+	1	2.77960+	1	2.97095+	1	2.78158+	1	2.96799+	1	57	3102	4490
2.78280+	1	2.94370+	1	2.78379+	1	2.92407+	1	2.78666+	1	2.80925+	1	57	3102	4491
2.79426+	1	2.29632+	1	2.80190+	1	1.72560+	1	2.80479+	1	1.54530+	1	57	3102	4492
2.80570+	1	1.49633+	1	2.80701+	1	1.42572+	1	2.80900+	1	1.33313+	1	57	3102	4493
2.81099+	1	1.25386+	1	2.81321+	1	1.18016+	1	2.81610+	1	1.10462+	1	57	3102	4494
2.82202+	1	1.00383+	1	2.82797+	1	9.42727+	0	2.82870+	1	9.36183+	0	57	3102	4495
2.83087+	1	9.16677+	0	2.83310+	1	8.95505+	0	2.83510+	1	8.74825+	0	57	3102	4496
2.83710+	1	8.52121+	0	2.83933+	1	8.23384+	0	2.84223+	1	7.83997+	0	57	3102	4497
2.84250+	1	7.80026+	0	2.85096+	1	6.05752+	0	2.85170+	1	5.91283+	0	57	3102	4498
2.85299+	1	5.76816+	0	2.85504+	1	5.55870+	0	2.86383+	1	4.88916+	0	57	3102	4499
2.86674+	1	4.72085+	0	2.86899+	1	4.59399+	0	2.87100+	1	4.47577+	0	57	3102	4500
2.87301+	1	4.35117+	0	2.87470+	1	4.23800+	0	2.87526+	1	4.20949+	0	57	3102	4501

2.87817+	1	4.04086+	0	2.88696+	1	3.46298+	0	2.89350+	1	3.09220+	0	57	3102	4502
2.89770+	1	2.98239+	0	2.90199+	1	2.69881+	0	2.91387+	1	2.48813+	0	57	3102	4503
2.91733+	1	2.57383+	0	2.92070+	1	2.75255+	0	2.92084+	1	2.75452+	0	57	3102	4504
2.93291+	1	4.30582+	0	2.94154+	1	7.61037+	0	2.94370+	1	8.84875+	0	57	3102	4505
2.94818+	1	1.15911+	1	2.95711+	1	1.68614+	1	2.96008+	1	1.79677+	1	57	3102	4506
2.96236+	1	1.84624+	1	2.96440+	1	1.86135+	1	2.96644+	1	1.84805+	1	57	3102	4507
2.96670+	1	1.84272+	1	2.96872+	1	1.80942+	1	2.97169+	1	1.71438+	1	57	3102	4508
2.98062+	1	1.23488+	1	2.98726+	1	8.64840+	0	2.98970+	1	7.76089+	0	57	3102	4509
2.99589+	1	5.23902+	0	3.00000+	1	4.65315+	0	3.00796+	1	3.61280+	0	57	3102	4510
3.01133+	1	3.60522+	0	3.01475+	1	3.72984+	0	3.02290+	1	4.74706+	0	57	3102	4511
3.02701+	1	4.98278+	0	3.03578+	1	6.83645+	0	3.04253+	1	9.39629+	0	57	3102	4512
3.04570+	1	1.14272+	1	3.05160+	1	1.55274+	1	3.05461+	1	1.84810+	1	57	3102	4513
3.05692+	1	2.11192+	1	3.05900+	1	2.37723+	1	3.06108+	1	2.67012+	1	57	3102	4514
3.06339+	1	3.02785+	1	3.06640+	1	3.53322+	1	3.06860+	1	3.91959+	1	57	3102	4515
3.07247+	1	4.60073+	1	3.07770+	1	5.36651+	1	3.07856+	1	5.49286+	1	57	3102	4516
3.08159+	1	5.76319+	1	3.08392+	1	5.86315+	1	3.08600+	1	5.86465+	1	57	3102	4517
3.08808+	1	5.78087+	1	3.09041+	1	5.58989+	1	3.09140+	1	5.46388+	1	57	3102	4518
3.09344+	1	5.24042+	1	3.09600+	1	4.80237+	1	3.10255+	1	3.59910+	1	57	3102	4519
3.10933+	1	2.34789+	1	3.10970+	1	2.30193+	1	3.11430+	1	1.70278+	1	57	3102	4520
3.11813+	1	1.20594+	1	3.13045+	1	5.79367+	0	3.13710+	1	5.42177+	0	57	3102	4521
3.14592+	1	5.27614+	0	3.16000+	1	8.94822+	0	3.16169+	1	9.20914+	0	57	3102	4522
3.16910+	1	1.58139+	1	3.17425+	1	2.02242+	1	3.18290+	1	3.78540+	1	57	3102	4523
3.18322+	1	3.84827+	1	3.18740+	1	5.00524+	1	3.19013+	1	5.86830+	1	57	3102	4524
3.19660+	1	7.78432+	1	3.19942+	1	8.56405+	1	3.20250+	1	9.09327+	1	57	3102	4525
3.20487+	1	9.32754+	1	3.20570+	1	9.35438+	1	3.20700+	1	9.39665+	1	57	3102	4526
3.20913+	1	9.32912+	1	3.21150+	1	9.09662+	1	3.21458+	1	8.56969+	1	57	3102	4527
3.21940+	1	7.24025+	1	3.22387+	1	6.00743+	1	3.22860+	1	4.60863+	1	57	3102	4528
3.23078+	1	3.97301+	1	3.23975+	1	2.08004+	1	3.25140+	1	9.97829+	0	57	3102	4529
3.25231+	1	9.09934+	0	3.27098+	1	5.19079+	0	3.27430+	1	5.09433+	0	57	3102	4530
3.27870+	1	5.23480+	0	3.28659+	1	5.91345+	0	3.29710+	1	8.98952+	0	57	3102	4531
3.30568+	1	1.04717+	1	3.31852+	1	2.66613+	1	3.32000+	1	3.14501+	1	57	3102	4532
3.32769+	1	5.64544+	1	3.33475+	1	9.00954+	1	3.34425+	1	1.33963+	2	57	3102	4533
3.34740+	1	1.43170+	2	3.34983+	1	1.47265+	2	3.35200+	1	1.48481+	2	57	3102	4534
3.35417+	1	1.47387+	2	3.35660+	1	1.43431+	2	3.35975+	1	1.34414+	2	57	3102	4535
3.36110+	1	1.28282+	2	3.36925+	1	9.12602+	1	3.37490+	1	6.51092+	1	57	3102	4536
3.37631+	1	5.85828+	1	3.38548+	1	3.12860+	1	3.38860+	1	2.86357+	1	57	3102	4537
3.39423+	1	2.38455+	1	3.40310+	1	3.30790+	1	3.41140+	1	5.78144+	1	57	3102	4538
3.41238+	1	6.07408+	1	3.41954+	1	9.20874+	1	3.42915+	1	1.32687+	2	57	3102	4539
3.43234+	1	1.41414+	2	3.43430+	1	1.44697+	2	3.43480+	1	1.44937+	2	57	3102	4540
3.43700+	1	1.43885+	2	3.43920+	1	1.40804+	2	3.44166+	1	1.35064+	2	57	3102	4541
3.44340+	1	1.29239+	2	3.44485+	1	1.26137+	2	3.44800+	1	1.15430+	2	57	3102	4542
3.45260+	1	1.01622+	2	3.45446+	1	9.64237+	1	3.45710+	1	8.95932+	1	57	3102	4543
3.46092+	1	7.81475+	1	3.46170+	1	7.68215+	1	3.46630+	1	6.99338+	1	57	3102	4544
3.46742+	1	6.82654+	1	3.47090+	1	6.91577+	1	3.47540+	1	7.03497+	1	57	3102	4545
3.47710+	1	7.04485+	1	3.48031+	1	7.39956+	1	3.48278+	1	7.75358+	1	57	3102	4546
3.48460+	1	8.05622+	1	3.48500+	1	8.13116+	1	3.48722+	1	8.59172+	1	57	3102	4547
3.48910+	1	9.02335+	1	3.48969+	1	9.13433+	1	3.49290+	1	9.81628+	1	57	3102	4548
3.50181+	1	1.20409+	2	3.50290+	1	1.22836+	2	3.51076+	1	1.39065+	2	57	3102	4549
3.51399+	1	1.42270+	2	3.51647+	1	1.42764+	2	3.51870+	1	1.41575+	2	57	3102	4550
3.52093+	1	1.38782+	2	3.52150+	1	1.37798+	2	3.52325+	1	1.34182+	2	57	3102	4551
3.52570+	1	1.26336+	2	3.53000+	1	1.13245+	2	3.53675+	1	8.57505+	1	57	3102	4552
3.54428+	1	5.60947+	1	3.54860+	1	4.41198+	1	3.55407+	1	2.89439+	1	57	3102	4553
3.56409+	1	1.49271+	1	3.57140+	1	1.19036+	1	3.58639+	1	5.70683+	0	57	3102	4554
3.59430+	1	4.88793+	0	3.60820+	1	3.44964+	0	3.62497+	1	2.60694+	0	57	3102	4555
3.64000+	1	2.13717+	0	3.65503+	1	1.81894+	0	3.66290+	1	1.70471+	0	57	3102	4556
3.67180+	1	1.57550+	0	3.68570+	1	1.44803+	0	3.69361+	1	1.37546+	0	57	3102	4557
3.69500+	1	1.36622+	0	3.69639+	1	1.35734+	0	3.70860+	1	1.30435+	0	57	3102	4558
3.71820+	1	1.26271+	0	3.73140+	1	1.24846+	0	3.73497+	1	1.24460+	0	57	3102	4559
3.75000+	1	1.27704+	0	3.75430+	1	1.30938+	0	3.76503+	1	1.39009+	0	57	3102	4560
3.77710+	1	1.63775+	0	3.78180+	1	1.72401+	0	3.80000+	1	2.69821+	0	57	3102	4561
3.80361+	1	2.89958+	0	3.81666+	1	3.93264+	0	3.81927+	1	4.10851+	0	57	3102	4562
3.82290+	1	4.30562+	0	3.82363+	1	4.34698+	0	3.82699+	1	4.47595+	0	57	3102	4563
3.83000+	1	4.54097+	0	3.83301+	1	4.55695+	0	3.83637+	1	4.51948+	0	57	3102	4564
3.84073+	1	4.39577+	0	3.84570+	1	4.16526+	0	3.85388+	1	3.89627+	0	57	3102	4565
3.86366+	1	3.72433+	0	3.86860+	1	3.94194+	0	3.87637+	1	4.78215+	0	57	3102	4566
3.89140+	1	9.52576+	0	3.89225+	1	9.71089+	0	3.90469+	1	2.05989+	1	57	3102	4567
3.91430+	1	3.91031+	1	3.91464+	1	3.97724+	1	3.92230+	1	6.08421+	1	57	3102	4568
3.92340+	1	6.37030+	1	3.92800+	1	7.62789+	1	3.93260+	1	8.67346+	1	57	3102	4569
3.93601+	1	9.12339+	1	3.93710+	1	9.19313+	1	3.93864+	1	9.33864+	1	57	3102	4570
3.94100+	1	9.41614+	1	3.94336+	1	9.35348+	1	3.94599+	1	9.12278+	1	57	3102	4571

3.94940+	1	8.59421+	1	3.95090+	1	8.22290+	1	3.95970+	1	6.03813+	1	57	3102	4572
3.96000+	1	5.95811+	1	3.96542+	1	4.51507+	1	3.96910+	1	3.69682+	1	57	3102	4573
3.97118+	1	3.23269+	1	3.98154+	1	1.77709+	1	3.98290+	1	1.66702+	1	57	3102	4574
3.98498+	1	1.49799+	1	3.98763+	1	1.33124+	1	3.99000+	1	1.20920+	1	57	3102	4575
3.99237+	1	1.10715+	1	3.99502+	1	1.01119+	1	3.99660+	1	9.63205+	0	57	3102	4576
3.99846+	1	9.10604+	0	4.00882+	1	7.04083+	0	4.01652+	1	6.18114+	0	57	3102	4577
4.01940+	1	6.76922+	0	4.02167+	1	5.90385+	0	4.02687+	1	5.80645+	0	57	3102	4578
4.03464+	1	6.07124+	0	4.04508+	1	6.66109+	0	4.04854+	1	6.77183+	0	57	3102	4579
4.05121+	1	6.79785+	0	4.05140+	1	6.79572+	0	4.05360+	1	6.80191+	0	57	3102	4580
4.05599+	1	6.75892+	0	4.05866+	1	6.65304+	0	4.06212+	1	6.43052+	0	57	3102	4581
4.06970+	1	5.68625+	0	4.07256+	1	5.40486+	0	4.07430+	1	5.23127+	0	57	3102	4582
4.07890+	1	4.77119+	0	4.08033+	1	4.62770+	0	4.08247+	1	4.45467+	0	57	3102	4583
4.08634+	1	4.20445+	0	4.09710+	1	4.13137+	0	4.10049+	1	4.10837+	0	57	3102	4584
4.11949+	1	5.80681+	0	4.12000+	1	5.89110+	0	4.12580+	1	6.72963+	0	57	3102	4585
4.13065+	1	7.72581+	0	4.13500+	1	8.98836+	0	4.13935+	1	1.08162+	1	57	3102	4586
4.14290+	1	1.30666+	1	4.14420+	1	1.37009+	1	4.15042+	1	1.91380+	1	57	3102	4587
4.15388+	1	2.37213+	1	4.15658+	1	2.81838+	1	4.15660+	1	2.82231+	1	57	3102	4588
4.15900+	1	3.38594+	1	4.16142+	1	4.01544+	1	4.16412+	1	4.78120+	1	57	3102	4589
4.16570+	1	5.26068+	1	4.16763+	1	5.80609+	1	4.17313+	1	7.38500+	1	57	3102	4590
4.17864+	1	8.74815+	1	4.17940+	1	8.88145+	1	4.18216+	1	9.35461+	1	57	3102	4591
4.18487+	1	9.63487+	1	4.18730+	1	9.73428+	1	4.18973+	1	9.68637+	1	57	3102	4592
4.19244+	1	9.46456+	1	4.19596+	1	8.94034+	1	4.19770+	1	8.53258+	1	57	3102	4593
4.20511+	1	6.79243+	1	4.21140+	1	5.25019+	1	4.21430+	1	4.52306+	1	57	3102	4594
4.21784+	1	3.80864+	1	4.22056+	1	3.34499+	1	4.22300+	1	2.99304+	1	57	3102	4595
4.22544+	1	2.69849+	1	4.22816+	1	2.43290+	1	4.22970+	1	2.32198+	1	57	3102	4596
4.23170+	1	2.16702+	1	4.23890+	1	1.95126+	1	4.24236+	1	1.89474+	1	57	3102	4597
4.24594+	1	1.97111+	1	4.24954+	1	2.09477+	1	4.25710+	1	2.41030+	1	57	3102	4598
4.26025+	1	2.56746+	1	4.26381+	1	2.69470+	1	4.26655+	1	2.75492+	1	57	3102	4599
4.26900+	1	2.77517+	1	4.27090+	1	2.76494+	1	4.27145+	1	2.76810+	1	57	3102	4600
4.27419+	1	2.74527+	1	4.27775+	1	2.66218+	1	4.28000+	1	2.57351+	1	57	3102	4601
4.28846+	1	2.03770+	1	4.28910+	1	2.00869+	1	4.29644+	1	1.50579+	1	57	3102	4602
4.30290+	1	1.37749+	1	4.30425+	1	1.38323+	1	4.31214+	1	1.89579+	1	57	3102	4603
4.32018+	1	2.82323+	1	4.32110+	1	2.93485+	1	4.33030+	1	4.03916+	1	57	3102	4604
4.33098+	1	4.11474+	1	4.33457+	1	4.36088+	1	4.33733+	1	4.46124+	1	57	3102	4605
4.33980+	1	4.47782+	1	4.34227+	1	4.42315+	1	4.34503+	1	4.28078+	1	57	3102	4606
4.34860+	1	3.98296+	1	4.34862+	1	3.98173+	1	4.35942+	1	2.85592+	1	57	3102	4607
4.36483+	1	2.27866+	1	4.36690+	1	2.10329+	1	4.37026+	1	1.83949+	1	57	3102	4608
4.38060+	1	1.44263+	1	4.38113+	1	1.41379+	1	4.38474+	1	1.31333+	1	57	3102	4609
4.38751+	1	1.25429+	1	4.39000+	1	1.20866+	1	4.39249+	1	1.16687+	1	57	3102	4610
4.39350+	1	1.15038+	1	4.39451+	1	1.13400+	1	4.39700+	1	1.09373+	1	57	3102	4611
4.39949+	1	1.05301+	1	4.40227+	1	1.00730+	1	4.40340+	1	9.89246+	0	57	3102	4612
4.40588+	1	9.49622+	0	4.41675+	1	8.37742+	0	4.41710+	1	8.39683+	0	57	3102	4613
4.42484+	1	8.21245+	0	4.42839+	1	8.56944+	0	4.43196+	1	9.19063+	0	57	3102	4614
4.44000+	1	1.13010+	1	4.44011+	1	1.13464+	1	4.45106+	1	1.60234+	1	57	3102	4615
4.45470+	1	1.71343+	1	4.45749+	1	1.77387+	1	4.46000+	1	1.80742+	1	57	3102	4616
4.46251+	1	1.82077+	1	4.46290+	1	1.81956+	1	4.46530+	1	1.79307+	1	57	3102	4617
4.46894+	1	1.71872+	1	4.47134+	1	1.65155+	1	4.47635+	1	1.47729+	1	57	3102	4618
4.48394+	1	1.17389+	1	4.48570+	1	1.10656+	1	4.48977+	1	9.50871+	0	57	3102	4619
4.49500+	1	7.79000+	0	4.50023+	1	6.39496+	0	4.50606+	1	5.20577+	0	57	3102	4620
4.50860+	1	4.84516+	0	4.51365+	1	4.12819+	0	4.53140+	1	3.21182+	0	57	3102	4621
4.53649+	1	2.94904+	0	4.55154+	1	3.66484+	0	4.55430+	1	3.93414+	0	57	3102	4622
4.55884+	1	4.37712+	0	4.56994+	1	5.43604+	0	4.57363+	1	5.65736+	0	57	3102	4623
4.57646+	1	5.75434+	0	4.57710+	1	5.76108+	0	4.57900+	1	5.78107+	0	57	3102	4624
4.58154+	1	5.74930+	0	4.58437+	1	5.64670+	0	4.58806+	1	5.41803+	0	57	3102	4625
4.59916+	1	4.33855+	0	4.60000+	1	4.25758+	0	4.60741+	1	3.83714+	0	57	3102	4626
4.61810+	1	3.77461+	0	4.61813+	1	3.77268+	0	4.62873+	1	4.10831+	0	57	3102	4627
4.63630+	1	5.30853+	0	4.63944+	1	5.97985+	0	4.65028+	1	1.03150+	1	57	3102	4628
4.65440+	1	1.27514+	1	4.65863+	1	1.47642+	1	4.66984+	1	2.15738+	1	57	3102	4629
4.67260+	1	2.32619+	1	4.67357+	1	2.39227+	1	4.67643+	1	2.57622+	1	57	3102	4630
4.67900+	1	2.72723+	1	4.68157+	1	2.86104+	1	4.68443+	1	2.98548+	1	57	3102	4631
4.68816+	1	3.10069+	1	4.69004+	1	3.13648+	1	4.69192+	1	3.15628+	1	57	3102	4632
4.69565+	1	3.14633+	1	4.69853+	1	3.09408+	1	4.70110+	1	3.01556+	1	57	3102	4633
4.70367+	1	2.90928+	1	4.70655+	1	2.76174+	1	4.71028+	1	2.53320+	1	57	3102	4634
4.72152+	1	1.73865+	1	4.72700+	1	1.39733+	1	4.72989+	1	1.21718+	1	57	3102	4635
4.74075+	1	8.16325+	0	4.74510+	1	7.91529+	0	4.74881+	1	7.88717+	0	57	3102	4636
4.75695+	1	1.03139+	1	4.76330+	1	1.47841+	1	4.76792+	1	1.77609+	1	57	3102	4637
4.77410+	1	2.39004+	1	4.77637+	1	2.61612+	1	4.78773+	1	3.75226+	1	57	3102	4638
4.78870+	1	3.81965+	1	4.79150+	1	3.98776+	1	4.79440+	1	4.09565+	1	57	3102	4639
4.79590+	1	4.11979+	1	4.79700+	1	4.11233+	1	4.79960+	1	4.04159+	1	57	3102	4640
4.80250+	1	3.90044+	1	4.80627+	1	3.62814+	1	4.80680+	1	3.57490+	1	57	3102	4641
4.81347+	1	3.12002+	1	4.81770+	1	2.76183+	1	4.82070+	1	2.60618+	1	57	3102	4642

4.82448+	1	2.41934+	1	4.82739+	1	2.29580+	1	4.82860+	1	2.25391+	1	57	3102	4643
4.83000+	1	2.15951+	1	4.83261+	1	2.00595+	1	4.83552+	1	1.86353+	1	57	3102	4644
4.83930+	1	1.72722+	1	4.83950+	1	1.72612+	1	4.85070+	1	2.10404+	1	57	3102	4645
4.85400+	1	2.31108+	1	4.85494+	1	2.34414+	1	4.85919+	1	2.54398+	1	57	3102	4646
4.86120+	1	2.65106+	1	4.86850+	1	2.86714+	1	4.87065+	1	2.83735+	1	57	3102	4647
4.87445+	1	2.74220+	1	4.87738+	1	2.63684+	1	4.88000+	1	2.51743+	1	57	3102	4648
4.88262+	1	2.37337+	1	4.88555+	1	2.18660+	1	4.88660+	1	2.11128+	1	57	3102	4649
4.88935+	1	2.04320+	1	4.88999+	1	2.02553+	1	4.89063+	1	2.00760+	1	57	3102	4650
4.89340+	1	1.93197+	1	4.89444+	1	1.92973+	1	4.89737+	1	1.94054+	1	57	3102	4651
4.90000+	1	1.97592+	1	4.90110+	1	2.00515+	1	4.90263+	1	2.04018+	1	57	3102	4652
4.90556+	1	2.15830+	1	4.90937+	1	2.40470+	1	4.91200+	1	2.71724+	1	57	3102	4653
4.91930+	1	3.48945+	1	4.92085+	1	3.66877+	1	4.92086+	1	3.66950+	1	57	3102	4654
4.92086+	1	3.67024+	1	4.93239+	1	5.28879+	1	4.93380+	1	5.42329+	1	57	3102	4655
4.93622+	1	5.67726+	1	4.93916+	1	5.87728+	1	4.94180+	1	5.96467+	1	57	3102	4656
4.94444+	1	5.96192+	1	4.94738+	1	5.85512+	1	4.95121+	1	5.56981+	1	57	3102	4657
4.95560+	1	5.02297+	1	4.96274+	1	3.94630+	1	4.96640+	1	3.41786+	1	57	3102	4658
4.97132+	1	2.71442+	1	4.97618+	1	2.21978+	1	4.97730+	1	2.14736+	1	57	3102	4659
4.98108+	1	1.90212+	1	4.98971+	1	1.74653+	1	4.99550+	1	1.90480+	1	57	3102	4660
5.00132+	1	2.06148+	1	5.00518+	1	2.22491+	1	5.00814+	1	2.35733+	1	57	3102	4661
5.01080+	1	2.47825+	1	5.01346+	1	2.60013+	1	5.01642+	1	2.73660+	1	57	3102	4662
5.01720+	1	2.77238+	1	5.02028+	1	2.93214+	1	5.02867+	1	3.35129+	1	57	3102	4663
5.03709+	1	3.67224+	1	5.04096+	1	3.74489+	1	5.04393+	1	3.75589+	1	57	3102	4664
5.04660+	1	3.72892+	1	5.04927+	1	3.66892+	1	5.05224+	1	3.55956+	1	57	3102	4665
5.05611+	1	3.36256+	1	5.06082+	1	3.06570+	1	5.06651+	1	2.68643+	1	57	3102	4666
5.07118+	1	2.41772+	1	5.07478+	1	2.26897+	1	5.07800+	1	2.19417+	1	57	3102	4667
5.08122+	1	2.18448+	1	5.08482+	1	2.25732+	1	5.08949+	1	2.48918+	1	57	3102	4668
5.10357+	1	3.98602+	1	5.10461+	1	4.12617+	1	5.10547+	1	4.24400+	1	57	3102	4669
5.11721+	1	5.71816+	1	5.12111+	1	6.05193+	1	5.12411+	1	6.22322+	1	57	3102	4670
5.12680+	1	6.30781+	1	5.12949+	1	6.32468+	1	5.13249+	1	6.26698+	1	57	3102	4671
5.13639+	1	6.07999+	1	5.14487+	1	5.34572+	1	5.15338+	1	4.39747+	1	57	3102	4672
5.15729+	1	3.95955+	1	5.16030+	1	3.63607+	1	5.16300+	1	3.35991+	1	57	3102	4673
5.16570+	1	3.09868+	1	5.16871+	1	2.82626+	1	5.17262+	1	2.50407+	1	57	3102	4674
5.18050+	1	2.01149+	1	5.18440+	1	1.76372+	1	5.18852+	1	1.58793+	1	57	3102	4675
5.19395+	1	1.42172+	1	5.20945+	1	1.24096+	1	5.21459+	1	1.22343+	1	57	3102	4676
5.21855+	1	1.20590+	1	5.22210+	1	1.18248+	1	5.22565+	1	1.14937+	1	57	3102	4677
5.22961+	1	1.09984+	1	5.23475+	1	1.01659+	1	5.25025+	1	6.94315+	0	57	3102	4678
5.25310+	1	6.39471+	0	5.26179+	1	5.48732+	0	5.27120+	1	5.14314+	0	57	3102	4679
5.27676+	1	4.50345+	0	5.29072+	1	4.02680+	0	5.30152+	1	4.49050+	0	57	3102	4680
5.31310+	1	5.95216+	0	5.32203+	1	7.64096+	0	5.32560+	1	8.29121+	0	57	3102	4681
5.33401+	1	9.82177+	0	5.33799+	1	1.02810+	1	5.34106+	1	1.04906+	1	57	3102	4682
5.34380+	1	1.05615+	1	5.34654+	1	1.04122+	1	5.34961+	1	1.01172+	1	57	3102	4683
5.35359+	1	9.55430+	0	5.36190+	1	7.89959+	0	5.36557+	1	7.16824+	0	57	3102	4684
5.37450+	1	5.50212+	0	5.37839+	1	4.96693+	0	5.38000+	1	4.80514+	0	57	3102	4685
5.38231+	1	4.70452+	0	5.39128+	1	4.82270+	0	5.40000+	1	5.38954+	0	57	3102	4686
5.40335+	1	5.61543+	0	5.40736+	1	5.88612+	0	5.41044+	1	6.06055+	0	57	3102	4687
5.41320+	1	6.18488+	0	5.41596+	1	6.27692+	0	5.41810+	1	6.32303+	0	57	3102	4688
5.41904+	1	6.32460+	0	5.42305+	1	6.31581+	0	5.43512+	1	6.33901+	0	57	3102	4689
5.43630+	1	6.45761+	0	5.44409+	1	7.23789+	0	5.45440+	1	1.10897+	1	57	3102	4690
5.45575+	1	1.15942+	1	5.45960+	1	1.43716+	1	5.46349+	1	1.80881+	1	57	3102	4691
5.47260+	1	3.18450+	1	5.47524+	1	3.58308+	1	5.48430+	1	5.51440+	1	57	3102	4692
5.49070+	1	6.81276+	1	5.49647+	1	7.98183+	1	5.50051+	1	8.50034+	1	57	3102	4693
5.50362+	1	8.73654+	1	5.50640+	1	8.81456+	1	5.50880+	1	8.77053+	1	57	3102	4694
5.50918+	1	8.76347+	1	5.51229+	1	8.55852+	1	5.51633+	1	8.08247+	1	57	3102	4695
5.52700+	1	6.06518+	1	5.52850+	1	5.78088+	1	5.53756+	1	4.03922+	1	57	3102	4696
5.54506+	1	3.01063+	1	5.54510+	1	3.00796+	1	5.55262+	1	2.44545+	1	57	3102	4697
5.56174+	1	2.28430+	1	5.56330+	1	2.31960+	1	5.57400+	1	2.51997+	1	57	3102	4698
5.57807+	1	2.63641+	1	5.58120+	1	2.72588+	1	5.58140+	1	2.73158+	1	57	3102	4699
5.58400+	1	2.81422+	1	5.58680+	1	2.90170+	1	5.58993+	1	2.99979+	1	57	3102	4700
5.59400+	1	3.13492+	1	5.59549+	1	3.19059+	1	5.59698+	1	3.25079+	1	57	3102	4701
5.59950+	1	3.37274+	1	5.60105+	1	3.44777+	1	5.60419+	1	3.64303+	1	57	3102	4702
5.60700+	1	3.86040+	1	5.60981+	1	4.12526+	1	5.61295+	1	4.48357+	1	57	3102	4703
5.61702+	1	5.05364+	1	5.61770+	1	5.17900+	1	5.62836+	1	7.14412+	1	57	3102	4704
5.62860+	1	7.18743+	1	5.63580+	1	8.48662+	1	5.63974+	1	9.19757+	1	57	3102	4705
5.64310+	1	9.56600+	1	5.64383+	1	9.64604+	1	5.64698+	1	9.82312+	1	57	3102	4706
5.64980+	1	9.84313+	1	5.65262+	1	9.72760+	1	5.65577+	1	9.44218+	1	57	3102	4707
5.65986+	1	8.84727+	1	5.66490+	1	7.72354+	1	5.67219+	1	6.09814+	1	57	3102	4708
5.67940+	1	4.41499+	1	5.68136+	1	3.95743+	1	5.69020+	1	2.48155+	1	57	3102	4709
5.69327+	1	1.99905+	1	5.70994+	1	9.50551+	0	5.71200+	1	9.11819+	0	57	3102	4710
5.71453+	1	8.45747+	0	5.71917+	1	7.76226+	0	5.72650+	1	7.89035+	0	57	3102	4711
5.73603+	1	7.82032+	0	5.74808+	1	1.02625+	1	5.75735+	1	1.40933+	1	57	3102	4712
5.76280+	1	1.79549+	1	5.76982+	1	2.22435+	1	5.77396+	1	2.57540+	1	57	3102	4713

5.77715+	1	2.87135+	1	5.78000+	1	3.14903+	1	5.78100+	1	3.24813+	1	57	3102	4714
5.78285+	1	3.43537+	1	5.78604+	1	3.75081+	1	5.79018+	1	4.12925+	1	57	3102	4715
5.79299+	1	4.35005+	1	5.79580+	1	4.53060+	1	5.79910+	1	4.66843+	1	57	3102	4716
5.79995+	1	4.71726+	1	5.80314+	1	4.81401+	1	5.80600+	1	4.83208+	1	57	3102	4717
5.80886+	1	4.78565+	1	5.81205+	1	4.66264+	1	5.81620+	1	4.40759+	1	57	3102	4718
5.81720+	1	4.32200+	1	5.82870+	1	3.32534+	1	5.83170+	1	3.10570+	1	57	3102	4719
5.83662+	1	2.71203+	1	5.83900+	1	2.60060+	1	5.84458+	1	2.31364+	1	57	3102	4720
5.84990+	1	2.22491+	1	5.85710+	1	2.08776+	1	5.85715+	1	2.08709+	1	57	3102	4721
5.86132+	1	2.06397+	1	5.86453+	1	2.03622+	1	5.86740+	1	1.99828+	1	57	3102	4722
5.86800+	1	1.98701+	1	5.87027+	1	1.92500+	1	5.87348+	1	1.81678+	1	57	3102	4723
5.87765+	1	1.64401+	1	5.88250+	1	1.38746+	1	5.89022+	1	1.11777+	1	57	3102	4724
5.89956+	1	7.83220+	0	5.90070+	1	7.56555+	0	5.91160+	1	4.76924+	0	57	3102	4725
5.91170+	1	4.73996+	0	5.92145+	1	3.24673+	0	5.93129+	1	2.67591+	0	57	3102	4726
5.94354+	1	2.78482+	0	5.94420+	1	2.81720+	0	5.95297+	1	3.19336+	0	57	3102	4727
5.96240+	1	3.82918+	0	5.96565+	1	4.04843+	0	5.96986+	1	4.38804+	0	57	3102	4728
5.97310+	1	4.66454+	0	5.97600+	1	4.92322+	0	5.97890+	1	5.19186+	0	57	3102	4729
5.98050+	1	5.34559+	0	5.98214+	1	5.50323+	0	5.98635+	1	5.92348+	0	57	3102	4730
5.99736+	1	7.04332+	0	6.00841+	1	7.92950+	0	6.01264+	1	8.11578+	0	57	3102	4731
6.01589+	1	8.18267+	0	6.01880+	1	8.18328+	0	6.02171+	1	8.12905+	0	57	3102	4732
6.02496+	1	8.01162+	0	6.02919+	1	7.78348+	0	6.03490+	1	7.42498+	0	57	3102	4733
6.04191+	1	6.98521+	0	6.05116+	1	6.83083+	0	6.06047+	1	7.37014+	0	57	3102	4734
6.07326+	1	9.00282+	0	6.07751+	1	9.60429+	0	6.08077+	1	1.00339+	1	57	3102	4735
6.08370+	1	1.03767+	1	6.08663+	1	1.06669+	1	6.08930+	1	1.08709+	1	57	3102	4736
6.08989+	1	1.09163+	1	6.09414+	1	1.11069+	1	6.09833+	1	1.11338+	1	57	3102	4737
6.10253+	1	1.09942+	1	6.10679+	1	1.06828+	1	6.11007+	1	1.03358+	1	57	3102	4738
6.11300+	1	9.95054+	0	6.11593+	1	9.50328+	0	6.11921+	1	8.94205+	0	57	3102	4739
6.12347+	1	8.13898+	0	6.12560+	1	7.71138+	0	6.12892+	1	7.04515+	0	57	3102	4740
6.13854+	1	5.17112+	0	6.14605+	1	3.95035+	0	6.15183+	1	3.21837+	0	57	3102	4741
6.15700+	1	2.71834+	0	6.16190+	1	2.36896+	0	6.16217+	1	2.34941+	0	57	3102	4742
6.16795+	1	2.06536+	0	6.17350+	1	1.88701+	0	6.17905+	1	1.77901+	0	57	3102	4743
6.18483+	1	1.71697+	0	6.19000+	1	1.69302+	0	6.19517+	1	1.69190+	0	57	3102	4744
6.20095+	1	1.71217+	0	6.20846+	1	1.76388+	0	6.21676+	1	1.84339+	0	57	3102	4745
6.21810+	1	1.85653+	0	6.22398+	1	1.91433+	0	6.22900+	1	1.95507+	0	57	3102	4746
6.23050+	1	1.96720+	0	6.23551+	1	1.99506+	0	6.24000+	1	2.00819+	0	57	3102	4747
6.24449+	1	2.01080+	0	6.24950+	1	2.00423+	0	6.25440+	1	1.99213+	0	57	3102	4748
6.25602+	1	1.98812+	0	6.27260+	1	2.02934+	0	6.27565+	1	2.03692+	0	57	3102	4749
6.27727+	1	2.05494+	0	6.27835+	1	2.06835+	0	6.29137+	1	2.31836+	0	57	3102	4750
6.29570+	1	2.42941+	0	6.29902+	1	2.52410+	0	6.30200+	1	2.61343+	0	57	3102	4751
6.30498+	1	2.70607+	0	6.30830+	1	2.81233+	0	6.31263+	1	2.95328+	0	57	3102	4752
6.31698+	1	3.09649+	0	6.32135+	1	3.23981+	0	6.32568+	1	3.37913+	0	57	3102	4753
6.32901+	1	3.48396+	0	6.33200+	1	3.57569+	0	6.33499+	1	3.66503+	0	57	3102	4754
6.33832+	1	3.77413+	0	6.34265+	1	3.90773+	0	6.34421+	1	3.95716+	0	57	3102	4755
6.34738+	1	4.06220+	0	6.35617+	1	4.43750+	0	6.36294+	1	4.93714+	0	57	3102	4756
6.36900+	1	5.73712+	0	6.37410+	1	6.91653+	0	6.37506+	1	7.13871+	0	57	3102	4757
6.38183+	1	9.84388+	0	6.39062+	1	1.59868+	1	6.39230+	1	1.81087+	1	57	3102	4758
6.40320+	1	3.18742+	1	6.40976+	1	4.01592+	1	6.41410+	1	4.56817+	1	57	3102	4759
6.41926+	1	5.22542+	1	6.42363+	1	5.58943+	1	6.42490+	1	5.64922+	1	57	3102	4760
6.42699+	1	5.74777+	1	6.43000+	1	5.78920+	1	6.43220+	1	5.74796+	1	57	3102	4761
6.43301+	1	5.73279+	1	6.43637+	1	5.55767+	1	6.44074+	1	5.17163+	1	57	3102	4762
6.44310+	1	4.84714+	1	6.45389+	1	3.36719+	1	6.45400+	1	3.35129+	1	57	3102	4763
6.46367+	1	2.01405+	1	6.46490+	1	1.90155+	1	6.47210+	1	1.24233+	1	57	3102	4764
6.47637+	1	8.51006+	0	6.49020+	1	3.81433+	0	6.49416+	1	2.47049+	0	57	3102	4765
6.50457+	1	1.61330+	0	6.51510+	1	1.49342+	0	6.52650+	1	2.18531+	0	57	3102	4766
6.53309+	1	2.58527+	0	6.54470+	1	4.57480+	0	6.54594+	1	4.78729+	0	57	3102	4767
6.55584+	1	7.27940+	0	6.56280+	1	9.02076-	0	6.56914-	1	1.06070+	1	57	3102	4768
6.57356+	1	1.13751+	1	6.57696+	1	1.17818+	1	6.57730+	1	1.18062+	1	57	3102	4769
6.58000+	1	1.20001+	1	6.58304+	1	1.20827+	1	6.58644+	1	1.20295+	1	57	3102	4770
6.58820+	1	1.19301+	1	6.59086+	1	1.17799+	1	6.59910+	1	1.11271+	1	57	3102	4771
6.60416+	1	1.07263+	1	6.61000+	1	1.05894+	1	6.61003+	1	1.05887+	1	57	3102	4772
6.61593+	1	1.08018+	1	6.61720+	1	1.09159+	1	6.62929+	1	1.20017+	1	57	3102	4773
6.63373+	1	1.22789+	1	6.63540+	1	1.23102+	1	6.63714+	1	1.23429+	1	57	3102	4774
6.64020+	1	1.22618+	1	6.64326+	1	1.20373+	1	6.64630+	1	1.16611+	1	57	3102	4775
6.64667+	1	1.16153+	1	6.65111+	1	1.08168+	1	6.65710+	1	9.27665+	0	57	3102	4776
6.66447+	1	7.38167+	0	6.67442+	1	4.87428+	0	6.68232+	1	3.44452+	0	57	3102	4777
6.68250+	1	3.42545+	0	6.69027+	1	2.60212+	0	6.70027+	1	2.23310+	0	57	3102	4778
6.71372+	1	2.32885+	0	6.71819+	1	2.37331+	0	6.72162+	1	2.38544+	0	57	3102	4779
6.72470+	1	2.37418+	0	6.72778+	1	2.33956+	0	6.73121+	1	2.27281+	0	57	3102	4780
6.73568+	1	2.14291+	0	6.74913+	1	1.59019+	0	6.75913+	1	1.18226+	0	57	3102	4781
6.76240+	1	1.09736+	0	6.77212+	1	8.44543-	1	6.78050+	1	7.77458-	1	57	3102	4782
6.78409+	1	7.48720-	1	6.79616+	1	8.33376-	1	6.80926+	1	1.13306+	0	57	3102	4783
6.81680+	1	1.42025+	0	6.81936+	1	1.51771+	0	6.83292+	1	2.15718+	0	57	3102	4784

6.83743+	1	2.35895+	0	6.84090+	1	2.50049+	0	6.84400+	1	2.60848+	0	57	3102	4785
6.84710+	1	2.69786+	0	6.84850+	1	2.73149+	0	6.84989+	1	2.76103+	0	57	3102	4786
6.85300+	1	2.81222+	0	6.85611+	1	2.84441+	0	6.85957+	1	2.86141+	0	57	3102	4787
6.86408+	1	2.86369+	0	6.87766+	1	2.92814+	0	6.88776+	1	3.29177+	0	57	3102	4788
6.89104+	1	3.49931+	0	6.89435+	1	3.75294+	0	6.90450+	1	4.75476+	0	57	3102	4789
6.91816+	1	6.14495+	0	6.92269+	1	6.45967+	0	6.92618+	1	6.61706+	0	57	3102	4790
6.92930+	1	6.68844+	0	6.93242+	1	6.69214+	0	6.93591+	1	6.61887+	0	57	3102	4791
6.94000+	1	6.43508+	0	6.94044+	1	6.41511+	0	6.95410+	1	5.41759+	0	57	3102	4792
6.96190+	1	4.97877+	0	6.96425+	1	4.84641+	0	6.97744+	1	5.29376+	0	57	3102	4793
6.98000+	1	5.71915+	0	6.98463+	1	6.48863+	0	6.99187+	1	8.62102+	0	57	3102	4794
7.00000+	1	1.27675+	1	7.00517+	1	1.54042+	1	7.01541+	1	2.28302+	1	57	3102	4795
7.01810+	1	2.48188+	1	7.02917+	1	3.25591+	1	7.03374+	1	3.49616+	1	57	3102	4796
7.03630+	1	3.59668+	1	7.03725+	1	3.63389+	1	7.04040+	1	3.71745+	1	57	3102	4797
7.04355+	1	3.76128+	1	7.04706+	1	3.76278+	1	7.05163+	1	3.69295+	1	57	3102	4798
7.05440+	1	3.60049+	1	7.05768+	1	3.48792+	1	7.06374+	1	3.18333+	1	57	3102	4799
7.06832+	1	2.91038+	1	7.07184+	1	2.68535+	1	7.07260+	1	2.63560+	1	57	3102	4800
7.07500+	1	2.49194+	1	7.07816+	1	2.30105+	1	7.08168+	1	2.08936+	1	57	3102	4801
7.08626+	1	1.82172+	1	7.09070+	1	1.59571+	1	7.10005+	1	1.17475+	1	57	3102	4802
7.10880+	1	9.03381+	0	7.11032+	1	8.53162+	0	7.11787+	1	6.92539+	0	57	3102	4803
7.12547+	1	6.02576+	0	7.12700+	1	5.98007+	0	7.13579+	1	5.28804+	0	57	3102	4804
7.14967+	1	5.18675+	0	7.15428+	1	5.23706+	0	7.15600+	1	5.25714+	0	57	3102	4805
7.15782+	1	5.27844+	0	7.16100+	1	5.31484+	0	7.16418+	1	5.35287+	0	57	3102	4806
7.16772+	1	5.40029+	0	7.17233+	1	5.50896+	0	7.18140+	1	6.22247+	0	57	3102	4807
7.18621+	1	6.66226+	0	7.19230+	1	8.09327+	0	7.19653+	1	9.16247+	0	57	3102	4808
7.19950+	1	1.02345+	1	7.19989+	1	1.03747+	1	7.20327+	1	1.17565+	1	57	3102	4809
7.20680+	1	1.34915+	1	7.21040+	1	1.52038+	1	7.21366+	1	1.67883+	1	57	3102	4810
7.21770+	1	1.87177+	1	7.22761+	1	2.33797+	1	7.23220+	1	2.47734+	1	57	3102	4811
7.23224+	1	2.47837+	1	7.23581+	1	2.52153+	1	7.23900+	1	2.52480+	1	57	3102	4812
7.24219+	1	2.49360+	1	7.24576+	1	2.41907+	1	7.25030+	1	2.26847+	1	57	3102	4813
7.25039+	1	2.26525+	1	7.26375+	1	1.56072+	1	7.26850+	1	1.30211+	1	57	3102	4814
7.27210+	1	1.12435+	1	7.27846+	1	8.24665+	0	7.28300+	1	6.60521+	0	57	3102	4815
7.28356+	1	6.48417+	0	7.28748+	1	5.87408+	0	7.29020+	1	5.58163+	0	57	3102	4816
7.29100+	1	5.38653+	0	7.29452+	1	4.67235+	0	7.29750+	1	4.17833+	0	57	3102	4817
7.29844+	1	4.02245+	0	7.30354+	1	3.36802+	0	7.30840+	1	3.00994+	0	57	3102	4818
7.31891+	1	2.27000+	0	7.32650+	1	2.03411+	0	7.33035+	1	1.86996+	0	57	3102	4819
7.34519+	1	1.55090+	0	7.36280+	1	1.61958+	0	7.36597+	1	1.63194+	0	57	3102	4820
7.37604+	1	2.01128+	0	7.38100+	1	2.44060+	0	7.38532+	1	2.81470+	0	57	3102	4821
7.39910+	1	6.43941+	0	7.40447+	1	7.90472+	0	7.41815+	1	1.67594+	1	57	3102	4822
7.42868+	1	2.65348+	1	7.44260+	1	3.90337+	1	7.44284+	1	3.92467+	1	57	3102	4823
7.44754+	1	4.19161+	1	7.45116+	1	4.31496+	1	7.45440+	1	4.35842+	1	57	3102	4824
7.45710+	1	4.34046+	1	7.45764+	1	4.33641+	1	7.46126+	1	4.23534+	1	57	3102	4825
7.46596+	1	3.99902+	1	7.47890+	1	2.96140+	1	7.48012+	1	2.86304+	1	57	3102	4826
7.48250+	1	2.65907+	1	7.48563+	1	2.39681+	1	7.48620+	1	2.35506+	1	57	3102	4827
7.48980+	1	2.08898+	1	7.49117+	1	1.98772+	1	7.49340+	1	1.88106+	1	57	3102	4828
7.49710+	1	1.70409+	1	7.50430+	1	1.35972+	1	7.50539+	1	1.30743+	1	57	3102	4829
7.50790+	1	1.24703+	1	7.51011+	1	1.18637+	1	7.51375+	1	1.11560+	1	57	3102	4830
7.51700+	1	1.06887+	1	7.51880+	1	1.04971+	1	7.52025+	1	1.03703+	1	57	3102	4831
7.52389+	1	1.01563+	1	7.52861+	1	9.97624+	0	7.53553+	1	9.77144+	0	57	3102	4832
7.54246+	1	9.48268+	0	7.54420+	1	9.37070+	0	7.54720+	1	9.21864+	0	57	3102	4833
7.55084+	1	8.95823+	0	7.55410+	1	8.66537+	0	7.55736+	1	8.31042+	0	57	3102	4834
7.55870+	1	8.14563+	0	7.56100+	1	7.93705+	0	7.56574+	1	7.42318+	0	57	3102	4835
7.57999+	1	5.58804+	0	7.58050+	1	5.52771+	0	7.59060+	1	4.47050+	0	57	3102	4836
7.60230+	1	3.73694+	0	7.60436+	1	3.52709+	0	7.61431+	1	2.96874+	0	57	3102	4837
7.61680+	1	2.90966+	0	7.62433+	1	2.53601+	0	7.63821+	1	2.25095+	0	57	3102	4838
7.64890+	1	2.25368+	0	7.66327+	1	2.37984+	0	7.66804+	1	2.42253+	0	57	3102	4839
7.67171+	1	2.45356+	0	7.67480+	1	2.48123+	0	7.67500+	1	2.48681+	0	57	3102	4840
7.67829+	1	2.58495+	0	7.68196+	1	2.71033+	0	7.68673+	1	2.91840+	0	57	3102	4841
7.69660+	1	3.79598+	0	7.70110+	1	4.19561+	0	7.71110+	1	6.05018+	0	57	3102	4842
7.71179+	1	6.17751+	0	7.71201+	1	6.22970+	0	7.71224+	1	6.28255+	0	57	3102	4843
7.72298+	1	9.20653+	0	7.73741+	1	1.32782+	1	7.74221+	1	1.42692+	1	57	3102	4844
7.74590+	1	1.48254+	1	7.74920+	1	1.51589+	1	7.75250+	1	1.53393+	1	57	3102	4845
7.75619+	1	1.53763+	1	7.75620+	1	1.53760+	1	7.76099+	1	1.52201+	1	57	3102	4846
7.76190+	1	1.51661+	1	7.77542+	1	1.43682+	1	7.78039+	1	1.42849+	1	57	3102	4847
7.78537+	1	1.43969+	1	7.79987+	1	1.53422+	1	7.80468+	1	1.55317+	1	57	3102	4848
7.80838+	1	1.55200+	1	7.81170+	1	1.53620+	1	7.81502+	1	1.50492+	1	57	3102	4849
7.81872+	1	1.45128+	1	7.82353+	1	1.35379+	1	7.83000+	1	1.16873+	1	57	3102	4850
7.83630+	1	1.05945+	1	7.83803+	1	1.01091+	1	7.84881+	1	7.00637+	0	57	3102	4851
7.85440+	1	5.86830+	0	7.86281+	1	4.11247+	0	7.87260+	1	3.25355+	0	57	3102	4852
7.88241+	1	2.33785+	0	7.88907+	1	2.13895+	0	7.89070+	1	2.12793+	0	57	3102	4853
7.89578+	1	2.00937+	0	7.90880+	1	2.36297+	0	7.91558+	1	2.65973+	0	57	3102	4854

7.92700+	1	4.16433+	0	7.92972+	1	4.50749+	0	7.94061+	1	6.54496+	0	57	3102	4855
7.94510+	1	7.36236+	0	7.95525+	1	9.32348+	0	7.96011+	1	9.95809+	0	57	3102	4856
7.96385+	1	1.02803+	1	7.96720+	1	1.04355+	1	7.97055+	1	1.04638+	1	57	3102	4857
7.97429+	1	1.03546+	1	7.97915+	1	1.00244+	1	7.98140+	1	9.78174+	0	57	3102	4858
7.99379+	1	8.44552+	0	7.99950+	1	7.94442+	0	8.00138+	1	7.77943+	0	57	3102	4859
8.00680+	1	7.53741+	0	8.00900+	1	7.43918+	0	8.02370+	1	7.48019+	0	57	3102	4860
8.02490+	1	7.48769+	0	8.02858+	1	7.51096+	0	8.03234+	1	7.48049+	0	57	3102	4861
8.03570+	1	7.39738+	0	8.03906+	1	7.25306+	0	8.04282+	1	7.02080+	0	57	3102	4862
8.04670+	1	6.68950+	0	8.04770+	1	6.63855+	0	8.06240+	1	5.44619+	0	57	3102	4863
8.07334+	1	4.69326+	0	8.07570+	1	4.70276+	0	8.08660+	1	4.37080+	0	57	3102	4864
8.08754+	1	4.29891+	0	8.08937+	1	4.27599+	0	8.09121+	1	4.28269+	0	57	3102	4865
8.09750+	1	4.75161+	0	8.10551+	1	5.49564+	0	8.10840+	1	6.01947+	0	57	3102	4866
8.11652+	1	7.64943+	0	8.13132+	1	1.05928+	1	8.13380+	1	1.08929+	1	57	3102	4867
8.13623+	1	1.12064+	1	8.14001+	1	1.14830+	1	8.14340+	1	1.15556+	1	57	3102	4868
8.14679+	1	1.14576+	1	8.15057+	1	1.11520+	1	8.15190+	1	1.09683+	1	57	3102	4869
8.15548+	1	1.04749+	1	8.16280+	1	8.87550+	0	8.17028+	1	7.44646+	0	57	3102	4870
8.18100+	1	5.27414+	0	8.18129+	1	5.21446+	0	8.19559+	1	3.25102+	0	57	3102	4871
8.20000+	1	2.89854+	0	8.20001+	1	1.89854+	0	8.20008+	1	1.22333+	1	57	3102	4872
1.15690+	2	1.20924+	1	1.48550+	2	1.28408+	1	1.90740+	2	1.03148+	1	57	3102	4873
2.45000+	2	9.59833+	0	3.00000+	2	6.30529+	0	3.50000+	2	5.62170+	0	57	3102	4874
4.00000+	2	5.05917+	0	4.50000+	2	5.21401+	0	5.00000+	2	5.25621+	0	57	3102	4875
5.60000+	2	5.55541+	0	6.20000+	2	4.65327+	0	7.50000+	2	5.23444+	0	57	3102	4876
8.00000+	2	5.25995+	0	8.30000+	2	4.38084+	0	9.00000+	2	4.04192+	0	57	3102	4877
1.00000+	3	4.02164+	0	1.10000+	3	4.43557+	0	1.50000+	3	3.18286+	0	57	3102	4878
1.80000+	3	2.75907+	0	2.00000+	3	2.42603+	0	2.50000+	3	2.02813+	0	57	3102	4879
3.00000+	3	1.87219+	0	3.50000+	3	1.82107+	0	3.80000+	3	1.78942+	0	57	3102	4880
4.50000+	3	1.63511+	0	5.00000+	3	1.52774+	0	5.50000+	3	1.47658+	0	57	3102	4881
6.00000+	3	1.41471+	0	6.50000+	3	1.30712+	0	7.00000+	3	1.25641+	0	57	3102	4882
7.50000+	3	1.24857+	0	8.00000+	3	1.20534+	0	8.50000+	3	1.13069+	0	57	3102	4883
9.00000+	3	1.12707+	0	9.50000+	3	1.27147+	0	1.00000+	4	1.19411+	0	57	3102	4884
1.25000+	4	1.10907+	0	1.30000+	4	1.11446+	0	1.32000+	4	1.11662+	0	57	3102	4885
1.42000+	4	1.12740+	0	1.48000+	4	1.13387+	0	1.50000+	4	1.13603+	0	57	3102	4886
1.61000+	4	1.01451+	0	1.63000+	4	9.92419-	1	1.65000+	4	9.70325-	1	57	3102	4887
1.85000+	4	1.04703+	0	2.05000+	4	8.73432-	1	2.20000+	4	1.01665+	0	57	3102	4888
2.25000+	4	9.89838-	1	2.33000+	4	9.46939-	1	2.35000+	4	9.36214-	1	57	3102	4889
2.37000+	4	9.33858-	1	2.43000+	4	9.26789-	1	2.46000+	4	9.23255-	1	57	3102	4890
2.50000+	4	9.18542-	1	2.50000+	4	8.39000-	1	2.53000+	4	8.37120-	1	57	3102	4891
2.57000+	4	8.34650-	1	2.62000+	4	8.31620-	1	2.65000+	4	8.29830-	1	57	3102	4892
2.72000+	4	8.25730-	1	2.75000+	4	8.24000-	1	2.83000+	4	8.21690-	1	57	3102	4893
2.88000+	4	8.20280-	1	2.93000+	4	8.18900-	1	2.98000+	4	8.17540-	1	57	3102	4894
3.00000+	4	8.17000-	1	3.11000+	4	8.12950-	1	3.13000+	4	8.12230-	1	57	3102	4895
3.18000+	4	8.10450-	1	3.21000+	4	8.09390-	1	3.25000+	4	8.08000-	1	57	3102	4896
3.28000+	4	8.05640-	1	3.42000+	4	7.94930-	1	3.45000+	4	7.92690-	1	57	3102	4897
3.50000+	4	7.89000-	1	3.62000+	4	7.79230-	1	3.65000+	4	7.76840-	1	57	3102	4898
3.70000+	4	7.72890-	1	3.79000+	4	7.66210-	1	3.87000+	4	7.60700-	1	57	3102	4899
3.91000+	4	7.57990-	1	3.94000+	4	7.55980-	1	4.00000+	4	7.52000-	1	57	3102	4900
4.04000+	4	7.48880-	1	4.10000+	4	7.44260-	1	4.15000+	4	7.40460-	1	57	3102	4901
4.20000+	4	7.36710-	1	4.30000+	4	7.29110-	1	4.36000+	4	7.24510-	1	57	3102	4902
4.38000+	4	7.22980-	1	4.43000+	4	7.19210-	1	4.48000+	4	7.15480-	1	57	3102	4903
4.50000+	4	7.14000-	1	4.52000+	4	7.12440-	1	4.54000+	4	7.10890-	1	57	3102	4904
4.60000+	4	7.06280-	1	4.62000+	4	7.04750-	1	4.65000+	4	7.02480-	1	57	3102	4905
4.68000+	4	7.00220-	1	4.73000+	4	6.96480-	1	4.76000+	4	6.94840-	1	57	3102	4906
4.82000+	4	6.93860-	1	4.84000+	4	6.93540-	1	4.88000+	4	6.92890-	1	57	3102	4907
4.90000+	4	6.92580-	1	5.00000+	4	6.91000-	1	5.02000+	4	6.90670-	1	57	3102	4908
5.06000+	4	6.90020-	1	5.09000+	4	6.89540-	1	5.12000+	4	6.89060-	1	57	3102	4909
5.15000+	4	6.88580-	1	5.22000+	4	6.87470-	1	5.25000+	4	6.87000-	1	57	3102	4910
5.35000+	4	6.83760-	1	5.39000+	4	6.82470-	1	5.42000+	4	6.81520-	1	57	3102	4911
5.46000+	4	6.80260-	1	5.50000+	4	6.79000-	1	5.53000+	4	6.77900-	1	57	3102	4912
5.57000+	4	6.76440-	1	5.61000+	4	6.74990-	1	5.67000+	4	6.72840-	1	57	3102	4913
5.71000+	4	6.71410-	1	5.76000+	4	6.69270-	1	5.79000+	4	6.67070-	1	57	3102	4914
5.83000+	4	6.64160-	1	5.87000+	4	6.61260-	1	5.91000+	4	6.58390-	1	57	3102	4915
5.92000+	4	6.57680-	1	5.98000+	4	6.53410-	1	6.00000+	4	6.52000-	1	57	3102	4916
6.03000+	4	6.49560-	1	6.12000+	4	6.42300-	1	6.15000+	4	6.39900-	1	57	3102	4917
6.20000+	4	6.35940-	1	6.25000+	4	6.32000-	1	6.29000+	4	6.30860-	1	57	3102	4918
6.32000+	4	6.30010-	1	6.42000+	4	6.27210-	1	6.47000+	4	6.25830-	1	57	3102	4919
6.50000+	4	6.25000-	1	6.51000+	4	6.24800-	1	6.61000+	4	6.22780-	1	57	3102	4920
6.65000+	4	6.21980-	1	6.70000+	4	6.20980-	1	6.74000+	4	6.20200-	1	57	3102	4921
6.80000+	4	6.17560-	1	6.83000+	4	6.16110-	1	6.89000+	4	6.13230-	1	57	3102	4922
6.94000+	4	6.10840-	1	7.00000+	4	6.08000-	1	7.03000+	4	6.06290-	1	57	3102	4923
7.09000+	4	6.02900-	1	7.20000+	4	5.96760-	1	7.25000+	4	5.94000-	1	57	3102	4924

7.31000+ 4	5.90600- 1	7.37000+ 4	5.87220- 1	7.41000+ 4	5.84990- 1	57	3102	4925
7.48000+ 4	5.81100- 1	7.50000+ 4	5.80000- 1	7.53000+ 4	5.78300- 1	57	3102	4926
7.58000+ 4	5.75470- 1	7.65000+ 4	5.71550- 1	7.70000+ 4	5.68760- 1	57	3102	4927
7.76000+ 4	5.65840- 1	7.84000+ 4	5.64550- 1	7.89000+ 4	5.63740- 1	57	3102	4928
7.94000+ 4	5.62950- 1	8.00000+ 4	5.62000- 1	8.07000+ 4	5.60870- 1	57	3102	4929
8.20000+ 4	5.58790- 1	8.27000+ 4	5.56620- 1	8.33000+ 4	5.52500- 1	57	3102	4930
8.40000+ 4	5.47740- 1	8.47000+ 4	5.43010- 1	8.50000+ 4	5.41000- 1	57	3102	4931
8.53000+ 4	5.38930- 1	8.61000+ 4	5.33460- 1	8.68000+ 4	5.28710- 1	57	3102	4932
8.75000+ 4	5.24000- 1	8.83000+ 4	5.20770- 1	8.90000+ 4	5.17970- 1	57	3102	4933
9.00000+ 4	5.14000- 1	9.03000+ 4	5.13030- 1	9.12000+ 4	5.10130- 1	57	3102	4934
9.28000+ 4	5.05880- 1	9.36000+ 4	5.05560- 1	9.44000+ 4	5.05240- 1	57	3102	4935
9.50000+ 4	5.05000- 1	9.52000+ 4	5.04920- 1	9.60000+ 4	5.04600- 1	57	3102	4936
9.68000+ 4	5.04280- 1	9.77000+ 4	5.02630- 1	9.85000+ 4	4.97190- 1	57	3102	4937
9.93000+ 4	4.91790- 1	9.99000+ 4	4.87770- 1	1.00000+ 5	4.87100- 1	57	3102	4938
1.03000+ 5	4.79460- 1	1.20000+ 5	4.40000- 1	1.35000+ 5	4.07270- 1	57	3102	4939
1.40000+ 5	3.97170- 1	1.50000+ 5	3.78000- 1	1.60000+ 5	3.61000- 1	57	3102	4940
1.73000+ 5	3.36730- 1	1.80000+ 5	3.24400- 1	2.00000+ 5	2.94000- 1	57	3102	4941
2.07000+ 5	2.85980- 1	2.15000+ 5	2.77150- 1	2.20000+ 5	2.71790- 1	57	3102	4942
2.25000+ 5	2.66550- 1	2.35000+ 5	2.56420- 1	2.40000+ 5	2.51510- 1	57	3102	4943
2.50000+ 5	2.42000- 1	2.60000+ 5	2.35870- 1	2.70000+ 5	2.29980- 1	57	3102	4944
2.80000+ 5	2.24300- 1	3.00000+ 5	2.12500- 1	3.20000+ 5	2.01990- 1	57	3102	4945
3.25000+ 5	1.99470- 1	3.40000+ 5	1.92120- 1	3.50000+ 5	1.87400- 1	57	3102	4946
3.60000+ 5	1.84590- 1	3.80000+ 5	1.79200- 1	4.00000+ 5	1.74200- 1	57	3102	4947
4.20000+ 5	1.69480- 1	4.40000+ 5	1.64980- 1	4.50000+ 5	1.62800- 1	57	3102	4948
4.60000+ 5	1.60820- 1	4.70000+ 5	1.58880- 1	4.80000+ 5	1.56980- 1	57	3102	4949
5.00000+ 5	1.53300- 1	5.20000+ 5	1.50210- 1	5.40000+ 5	1.47240- 1	57	3102	4950
5.50000+ 5	1.45800- 1	5.60000+ 5	1.44700- 1	5.70000+ 5	1.43620- 1	57	3102	4951
5.80000+ 5	1.42560- 1	6.00000+ 5	1.40500- 1	6.20000+ 5	1.37920- 1	57	3102	4952
6.40000+ 5	1.35420- 1	6.50000+ 5	1.34200- 1	6.60000+ 5	1.32990- 1	57	3102	4953
6.70000+ 5	1.31800- 1	6.80000+ 5	1.30620- 1	7.00000+ 5	1.28300- 1	57	3102	4954
7.20000+ 5	1.25550- 1	7.30000+ 5	1.24200- 1	7.40000+ 5	1.23140- 1	57	3102	4955
7.50000+ 5	1.22100- 1	7.60000+ 5	1.21290- 1	7.70000+ 5	1.20500- 1	57	3102	4956
7.75000+ 5	1.20040- 1	7.80000+ 5	1.19590- 1	8.00000+ 5	1.17800- 1	57	3102	4957
8.20000+ 5	1.16330- 1	8.40000+ 5	1.14900- 1	8.50000+ 5	1.14200- 1	57	3102	4958
8.60000+ 5	1.13870- 1	8.80000+ 5	1.13230- 1	9.00000+ 5	1.12600- 1	57	3102	4959
9.20000+ 5	1.11750- 1	9.40000+ 5	1.10910- 1	9.50000+ 5	1.10500- 1	57	3102	4960
9.60000+ 5	1.09900- 1	9.70000+ 5	1.09300- 1	9.80000+ 5	1.08440- 1	57	3102	4961
1.00000+ 6	1.06760- 1	1.05000+ 6	1.01430- 1	1.10000+ 6	9.63500- 2	57	3102	4962
1.15000+ 6	9.14710- 2	1.20000+ 6	8.68000- 2	1.25000+ 6	8.29750- 2	57	3102	4963
1.29500+ 6	7.96610- 2	1.30000+ 6	7.93000- 2	1.35000+ 6	7.60610- 2	57	3102	4964
1.40000+ 6	7.29400- 2	1.45000+ 6	6.95270- 2	1.49500+ 6	6.65550- 2	57	3102	4965
1.50000+ 6	6.62300- 2	1.60000+ 6	6.22200- 2	1.70000+ 6	5.85100- 2	57	3102	4966
1.80000+ 6	5.56200- 2	1.90000+ 6	5.25100- 2	2.00000+ 6	4.95600- 2	57	3102	4967
2.10000+ 6	4.74050- 2	2.20000+ 6	4.53500- 2	2.30000+ 6	4.30830- 2	57	3102	4968
2.40000+ 6	4.09120- 2	2.50000+ 6	3.88300- 2	2.60000+ 6	3.72210- 2	57	3102	4969
2.70000+ 6	3.56720- 2	2.80000+ 6	3.41800- 2	2.90000+ 6	3.25020- 2	57	3102	4970
3.00000+ 6	3.08800- 2	3.10000+ 6	2.97970- 2	3.20000+ 6	2.87490- 2	57	3102	4971
3.30000+ 6	2.77330- 2	3.40000+ 6	2.67470- 2	3.50000+ 6	2.57900- 2	57	3102	4972
3.60000+ 6	2.49900- 2	3.70000+ 6	2.42130- 2	3.80000+ 6	2.34560- 2	57	3102	4973
3.90000+ 6	2.27190- 2	4.00000+ 6	2.20000- 2	4.10000+ 6	2.13850- 2	57	3102	4974
4.20000+ 6	2.07850- 2	4.30000+ 6	2.01990- 2	4.40000+ 6	1.96270- 2	57	3102	4975
4.50000+ 6	1.90670- 2	4.60000+ 6	1.85200- 2	4.70000+ 6	1.80970- 2	57	3102	4976
4.80000+ 6	1.76830- 2	4.90000+ 6	1.72770- 2	5.00000+ 6	1.68800- 2	57	3102	4977
5.10000+ 6	1.64480- 2	5.20000+ 6	1.60240- 2	5.25000+ 6	1.58150- 2	57	3102	4978
5.30000+ 6	1.56080- 2	5.40000+ 6	1.52000- 2	5.50000+ 6	1.48000- 2	57	3102	4979
5.60000+ 6	1.44960- 2	5.70000+ 6	1.41970- 2	5.80000+ 6	1.39030- 2	57	3102	4980
5.90000+ 6	1.36140- 2	6.00000+ 6	1.33300- 2	6.10000+ 6	1.31010- 2	57	3102	4981
6.20000+ 6	1.28750- 2	6.30000+ 6	1.26530- 2	6.40000+ 6	1.24350- 2	57	3102	4982
6.50000+ 6	1.22200- 2	6.60000+ 6	1.18950- 2	6.70000+ 6	1.15740- 2	57	3102	4983
6.80000+ 6	1.12580- 2	6.90000+ 6	1.09470- 2	7.00000+ 6	1.06400- 2	57	3102	4984
7.10000+ 6	1.04200- 2	7.20000+ 6	1.02030- 2	7.30000+ 6	9.98920- 3	57	3102	4985
7.40000+ 6	9.77820- 3	7.50000+ 6	9.57000- 3	7.60000+ 6	9.27040- 3	57	3102	4986
7.65000+ 6	9.12200- 3	7.70000+ 6	8.97460- 3	7.80000+ 6	8.68270- 3	57	3102	4987
7.90000+ 6	8.39460- 3	8.00000+ 6	8.11000- 3	8.20000+ 6	7.65930- 3	57	3102	4988
8.40000+ 6	7.21950- 3	8.50000+ 6	7.00350- 3	8.60000+ 6	6.79000- 3	57	3102	4989
8.80000+ 6	6.31470- 3	9.00000+ 6	5.85000- 3	9.20000+ 6	5.49580- 3	57	3102	4990
9.40000+ 6	5.14930- 3	9.50000+ 6	4.97870- 3	9.60000+ 6	4.81000- 3	57	3102	4991
9.80000+ 6	4.46650- 3	1.00000+ 7	4.13000- 3	1.05000+ 7	3.65900- 3	57	3102	4992
1.10000+ 7	3.21000- 3	1.15000+ 7	2.89840- 3	1.19000+ 7	2.65870- 3	57	3102	4993
1.20000+ 7	2.60000- 3	1.25000+ 7	2.80400- 3	1.30000+ 7	3.00000- 3	57	3102	4994
1.35000+ 7	2.55690- 3	1.40000+ 7	2.13000- 3	1.45000+ 7	1.92700- 3	57	3102	4995

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1.50000+ 7 1.73000- 3                                                   57 3102 4996
                                                                        57 3   0 4997
9.22350+ 4 2.33025+ 2          0          0          0          0       57 3102 4998
0.         0.                  0          0          1          4       57 3102 4999
         4          2          0          0          0          0       57 3102 5000
1.0000E+03 1.0000E+01          0          0          1         56       57 3102 5001
        56          2          0          0          0          0       57 3102 5002
8.20008+ 1 1.08100+ 1 1.15690+ 2 1.13998+ 1 1.48550+ 2 1.34892+ 1       57 3102 5003
1.90740+ 2 1.18581+ 1 2.45000+ 2 1.55350+ 1 3.00000+ 2 7.56946+ 0       57 3102 5004
3.50000+ 2 6.75012+ 0 4.00000+ 2 6.10185+ 0 4.50000+ 2 6.97365+ 0       57 3102 5005
5.00000+ 2 7.90858+ 0 5.60000+ 2 8.86757+ 0 6.20000+ 2 6.32778+ 0       57 3102 5006
7.50000+ 2 7.53742+ 0 8.00000+ 2 7.54368+ 0 8.30000+ 2 5.67125+ 0       57 3102 5007
9.00000+ 2 5.11868+ 0 1.00000+ 3 5.22025+ 0 1.10000+ 3 6.22254+ 0       57 3102 5008
1.50000+ 3 4.35817+ 0 1.80000+ 3 3.68426+ 0 2.00000+ 3 3.14979+ 0       57 3102 5009
2.50000+ 3 2.56927+ 0 3.00000+ 3 2.34731+ 0 3.50000+ 3 2.29135+ 0       57 3102 5010
3.80000+ 3 2.25256+ 0 4.50000+ 3 2.01807+ 0 5.00000+ 3 1.85482+ 0       57 3102 5011
5.50000+ 3 1.78217+ 0 6.00000+ 3 1.69160+ 0 6.50000+ 3 1.53181+ 0       57 3102 5012
7.00000+ 3 1.45987+ 0 7.50000+ 3 1.45100+ 0 8.00000+ 3 1.38984+ 0       57 3102 5013
8.50000+ 3 1.28348+ 0 9.00000+ 3 1.27834+ 0 9.50000+ 3 1.48911+ 0       57 3102 5014
1.00000+ 4 1.37397+ 0 1.25000+ 4 1.25350+ 0 1.30000+ 4 1.26153+ 0       57 3102 5015
1.32000+ 4 1.26474+ 0 1.42000+ 4 1.28080+ 0 1.48000+ 4 1.29043+ 0       57 3102 5016
1.50000+ 4 1.29364+ 0 1.61000+ 4 1.12560+ 0 1.63000+ 4 1.09505+ 0       57 3102 5017
1.65000+ 4 1.06450+ 0 1.85000+ 4 1.16873+ 0 2.05000+ 4 9.39891- 1       57 3102 5018
2.20000+ 4 1.12762+ 0 2.25000+ 4 1.09208+ 0 2.33000+ 4 1.03522+ 0       57 3102 5019
2.35000+ 4 1.02100+ 0 2.37000+ 4 1.01796+ 0 2.43000+ 4 1.00884+ 0       57 3102 5020
2.46000+ 4 1.00428+ 0 2.50000+ 4 9.98200- 1 0.00000+ 0 0.00000+ 0       57 3102 5021
1.0000E+03 1.0000E+02          0          0          1         56       57 3102 5022
        56          2          0          0          0          0       57 3102 5023
8.20008+ 1 1.01900+ 1 1.15690+ 2 1.04999+ 1 1.48550+ 2 1.14243+ 1       57 3102 5024
1.90740+ 2 9.49766+ 0 2.45000+ 2 9.05498+ 0 3.00000+ 2 6.08923+ 0       57 3102 5025
3.50000+ 2 5.48666+ 0 4.00000+ 2 4.97600+ 0 4.50000+ 2 5.16005+ 0       57 3102 5026
5.00000+ 2 5.23576+ 0 5.60000+ 2 5.56642+ 0 6.20000+ 2 4.66704+ 0       57 3102 5027
7.50000+ 2 5.28863+ 0 8.00000+ 2 5.32354+ 0 8.30000+ 2 4.42290+ 0       57 3102 5028
9.00000+ 2 4.08396+ 0 1.00000+ 3 4.07486+ 0 1.10000+ 3 4.51645+ 0       57 3102 5029
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2.50000+ 3 2.06666+ 0 3.00000+ 3 1.90728+ 0 3.50000+ 3 1.85620+ 0       57 3102 5031
3.80000+ 3 1.82423+ 0 4.50000+ 3 1.66478+ 0 5.00000+ 3 1.55363+ 0       57 3102 5032
5.50000+ 3 1.50100+ 0 6.00000+ 3 1.43710+ 0 6.50000+ 3 1.32569+ 0       57 3102 5033
7.00000+ 3 1.27340+ 0 7.50000+ 3 1.26548+ 0 8.00000+ 3 1.22089+ 0       57 3102 5034
8.50000+ 3 1.14379+ 0 9.00000+ 3 1.14006+ 0 9.50000+ 3 1.28955+ 0       57 3102 5035
1.00000+ 4 1.20934+ 0 1.25000+ 4 1.12155+ 0 1.30000+ 4 1.12715+ 0       57 3102 5036
1.32000+ 4 1.12939+ 0 1.42000+ 4 1.14058+ 0 1.48000+ 4 1.14730+ 0       57 3102 5037
1.50000+ 4 1.14954+ 0 1.61000+ 4 1.02429+ 0 1.63000+ 4 1.00152+ 0       57 3102 5038
1.65000+ 4 9.78750- 1 1.85000+ 4 1.05770+ 0 2.05000+ 4 8.79531- 1       57 3102 5039
2.20000+ 4 1.02646+ 0 2.25000+ 4 9.98907- 1 2.33000+ 4 9.54821- 1       57 3102 5040
2.35000+ 4 9.43800- 1 2.37000+ 4 9.41400- 1 2.43000+ 4 9.34200- 1       57 3102 5041
2.46000+ 4 9.30600- 1 2.50000+ 4 9.25800- 1 0.00000+ 0 0.00000+ 0       57 3102 5042
1.0000E+03 1.0000E+03          0          0          1         56       57 3102 5043
        56          2          0          0          0          0       57 3102 5044
8.20008+ 1 1.18600+ 1 1.15690+ 2 1.18200+ 1 1.48550+ 2 1.26017+ 1       57 3102 5045
1.90740+ 2 1.01824+ 1 2.45000+ 2 9.50084+ 0 3.00000+ 2 6.27237+ 0       57 3102 5046
3.50000+ 2 5.60106+ 0 4.00000+ 2 5.04606+ 0 4.50000+ 2 5.20337+ 0       57 3102 5047
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2.20000+ 4 1.01761+ 0 2.25000+ 4 9.90740- 1 2.33000+ 4 9.47748- 1       57 3102 5061
2.35000+ 4 9.37000- 1 2.37000+ 4 9.34640- 1 2.43000+ 4 9.27560- 1       57 3102 5062
2.46000+ 4 9.24020- 1 2.50000+ 4 9.19300- 1 0.00000+ 0 0.00000+ 0       57 3102 5063
1.0000E+03 1.0000E+04          0          0          1         56       57 3102 5064
        56          2          0          0          0          0       57 3102 5065
8.20008+ 1 1.22000+ 1 1.15690+ 2 1.20700+ 1 1.48550+ 2 1.28173+ 1       57 3102 5066
1.90740+ 2 1.03020+ 1 2.45000+ 2 9.58879+ 0 3.00000+ 2 6.30215+ 0       57 3102 5067
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2.46000+ 4 9.23320- 1 2.50000+ 4 9.18600- 1 0.00000+ 0 0.00000+ 0  57 3102 5084
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0.00000+ 0 0.00000+ 0           0           0           1         38  57 3251 5087
        38         2                                                   57 3251 5088
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7.00000+ 6 7.86755- 1 1.50000+ 7 8.86893- 1                        57 3251 5101
                                                                   57 3  0 5102
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        38         2                                                   57 3253 5122
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 9.7966E-01 3.0006E+00 9.9007E-01 3.1472E+00 1.0000E+00 0.          57 4  2 5482
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        2           2                                                   57 4 16 5604
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        2           2                                                   57 4 16 5609
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        2           2                                                   57 4 17 5620
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                                                                        57 4  0 5622
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 0.          0.                  0           0           1           2  57 4 18 5625
        2           2                                                   57 4 18 5626
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        2           2                                                   57 4 18 5628
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          2          2                                                  57 4 18 5631
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          2          2                                                  57 4 51 5637
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          2          2                                                  57 4 51 5639
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          2          2                                                  57 4 52 5650
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                                                                        57 4  0 5666
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 5.0000E-05 5.0000E-05          0          0          1          2     57 4 54 5669
          2          2                                                  57 4 54 5670
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                                                                        57 4  0 5677
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          2          2                                                  57 4 55 5681
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          2          2                                                  57 4 56 5692
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          2          2                                                  57 4 56 5697
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                                                                        57 4  0 5699
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 0.         2.3302E+02          0          2          0          0     57 4 57 5701
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          2           2                                                   57 4 57 5708
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 0.          0.                  0           0           1           2  57 4 58 5713
          2           2                                                   57 4 58 5714
 0.          2.7000E+05          0           0           1           2  57 4 58 5715
          2           2                                                   57 4 58 5716
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 58 5717
 0.          1.5000E+07          0           0           1           2  57 4 58 5718
          2           2                                                   57 4 58 5719
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 58 5720
                                                                          57 4  0 5721
 9.22350+ 4 2.33025+ 2          0           2           0           0  57 4 59 5722
 0.          2.3302E-02          0           2           0           0  57 4 59 5723
 0.          0.                  0           0           1           2  57 4 59 5724
          2           2                                                   57 4 59 5725
 0.          4.0000E+05          0           0           1           2  57 4 59 5726
          2           2                                                   57 4 59 5727
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 59 5728
 0.          1.5000E+07          0           0           1           2  57 4 59 5729
          2           2                                                   57 4 59 5730
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 59 5731
                                                                          57 4  0 5732
 9.22350+ 4 2.33025+ 2          0           2           0           0  57 4 60 5733
 0.          2.3302E+02          0           2           0           0  57 4 60 5734
 0.          0.                  0           0           1           2  57 4 60 5735
          2           2                                                   57 4 60 5736
 0.          6.0000E+05          0           0           1           2  57 4 60 5737
          2           2                                                   57 4 60 5738
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 60 5739
 0.          1.5000E+07          0           0           1           2  57 4 60 5740
          2           2                                                   57 4 60 5741
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 60 5742
                                                                          57 4  0 5743
 9.22350+ 4 2.33025+ 2          0           2           0           0  57 4 91 5744
 0.          2.3302E+02          0           2           0           0  57 4 91 5745
 0.          0.                  0           0           1           2  57 4 91 5746
          2           2                                                   57 4 91 5747
 0.          9.5000E+05          0           0           1           2  57 4 91 5748
          2           2                                                   57 4 91 5749
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 91 5750
 0.          1.5000E+07          0           0           1           2  57 4 91 5751
          2           2                                                   57 4 91 5752
-1.0000E+00 5.0000E-01 1.0000E+00 5.0000E-01                              57 4 91 5753
                                                                          57 4  0 5754
                                                                          57 0  0 5755
 9.22350+ 4 2.33025+ 2          0           0           1           0  57 5 16 5756
 5.25000+ 6 0.00000+ 0          0           9           1           2  57 5 16 5757
          2           2                                                   57 5 16 5758
 5.25000+ 6 1.00000+ 0 1.50000+ 7 1.00000+ 0                              57 5 16 5759
 0.00000+ 0 0.00000+ 0          0           0           1          21  57 5 16 5760
         21           2                                                   57 5 16 5761
 5.25000+ 6 1.00000+ 4 5.50000+ 6 1.04880+ 5 6.00000+ 6 1.82200+ 5  57 5 16 5762
 6.50000+ 6 2.35360+ 5 7.00000+ 6 2.78560+ 5 7.50000+ 6 3.15900+ 5  57 5 16 5763
 8.00000+ 6 3.49270+ 5 8.50000+ 6 3.79720+ 5 9.00000+ 6 4.07900+ 5  57 5 16 5764
 9.50000+ 6 4.34260+ 5 1.00000+ 7 4.59110+ 5 1.05000+ 7 4.82680+ 5  57 5 16 5765
 1.10000+ 7 5.05150+ 5 1.15000+ 7 5.26660+ 5 1.20000+ 7 5.47330+ 5  57 5 16 5766
 1.25000+ 7 5.67250+ 5 1.30000+ 7 5.86490+ 5 1.35000+ 7 6.05120+ 5  57 5 16 5767
 1.40000+ 7 6.23190+ 5 1.45000+ 7 6.40750+ 5 1.50000+ 7 6.57850+ 5  57 5 16 5768
                                                                          57 5  0 5769
 9.22350+ 4 2.33025+ 2          0           0           1           0  57 5 17 5770
 1.19000+ 7 0.00000+ 0          0           9           1           2  57 5 17 5771
          2           2                                                   57 5 17 5772
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0.00000+ 0 0.00000+ 0          0          0          1          8   57 5 17 5774
         8          2                                                57 5 17 5775
1.19000+ 7 1.00000+ 4 1.20000+ 7 6.66310+ 4 1.25000+ 7 1.63500+ 5   57 5 17 5776
1.30000+ 7 2.21420+ 5 1.35000+ 7 2.67060+ 5 1.40000+ 7 3.05960+ 5   57 5 17 5777
1.45000+ 7 3.40450+ 5 1.50000+ 7 3.71750+ 5                          57 5 17 5778
                                                                     57 5  0 5779
9.22350+ 4 2.33025+ 2          0          0          1          0   57 5 18 5780
-3.00000+ 7 0.00000+ 0         0          7          1          2   57 5 18 5781
         2          2                                                57 5 18 5782
1.00000- 5 1.00000+ 0 1.50000+ 7 1.00000+ 0                          57 5 18 5783
0.00000+ 0 0.00000+ 0          0          0          1          3   57 5 18 5784
         3          2                                                57 5 18 5785
1.00000- 5 1.30000+ 6 3.00000+ 5 1.32000+ 6 1.50000+ 7 1.65000+ 6   57 5 18 5786
                                                                     57 5  0 5787
9.22350+ 4 2.33025+ 2          0          0          1          0   57 5 91 5788
8.40000+ 4 0.00000+ 0          0          9          1          2   57 5 91 5789
         2          2                                                57 5 91 5790
9.50000+ 5 1.00000+ 0 1.50000+ 7 1.00000+ 0                          57 5 91 5791
0.00000+ 0 0.00000+ 0          0          0          1          2   57 5 91 5792
         2          5                                                57 5 91 5793
9.50000+ 5 2.04900+ 5 1.50000+ 7 8.14310+ 5                          57 5 91 5794
                                                                     57 5  0 5795
                                                                     57 0  0 5796
9.22350+ 4 2.33025+ 2          0          0          1          0   5713  3 5797
1.00000+ 3 0.00000+ 0          0          1          1       2455   5713  3 5798
      2455         2          0          0          0          0   5713  3 5799
1.00000- 5 2.42832+ 5 1.22756- 5 2.19150+ 5 1.49675- 5 1.98446+ 5   5713  3 5800
1.81356- 5 1.80264+ 5 2.18424- 5 1.64243+ 5 2.18441- 5 1.64236+ 5   5713  3 5801
2.61714- 5 1.50032+ 5 2.61737- 5 1.50025+ 5 3.11933- 5 1.37414+ 5   5713  3 5802
3.11963- 5 1.37406+ 5 3.69954- 5 1.26168+ 5 3.69993- 5 1.26160+ 5   5713  3 5803
4.36707- 5 1.16116+ 5 4.36756- 5 1.16109+ 5 6.02663- 5 9.88287+ 4   5713  3 5804
6.02735- 5 9.88212+ 4 8.18209- 5 8.48051+ 4 8.18309- 5 8.47990+ 4   5713  3 5805
1.09487- 4 7.33009+ 4 1.09500- 4 7.32955+ 4 1.44552- 4 6.37848+ 4   5713  3 5806
1.44569- 4 6.37803+ 4 1.90841- 4 5.55049+ 4 1.90862- 4 5.55013+ 4   5713  3 5807
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3.21045- 4 4.27825+ 4 4.09801- 4 3.78627+ 4 4.09831- 4 3.78611+ 4   5713  3 5809
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3.47165- 3 1.29017+ 4 4.17744- 3 1.17479+ 4 5.00000- 3 1.07260+ 4   5713  3 5815
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3.40000- 2 3.82916+ 3 3.50000- 2 3.75910+ 3 4.00000- 2 3.47514+ 3   5713  3 5824
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8.50000- 2 2.17519+ 3 9.00000- 2 2.09820+ 3 9.20000- 2 2.07021+ 3   5713  3 5830
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1.60000- 1 1.49940+ 3 1.70000- 1 1.46184+ 3 1.80000- 1 1.43256+ 3   5713  3 5834
2.03340- 1 1.40767+ 3 2.23340- 1 1.42344+ 3 2.43340- 1 1.47430+ 3   5713  3 5835
2.63340- 1 1.53630+ 3 2.83340- 1 1.57650+ 3 3.03340- 1 1.53431+ 3   5713  3 5836
3.23340- 1 1.38555+ 3 3.43340- 1 1.21397+ 3 3.63340- 1 1.08646+ 3   5713  3 5837
3.83340- 1 9.74461+ 2 4.03340- 1 8.83197+ 2 4.28120- 1 7.91947+ 2   5713  3 5838
4.64920- 1 6.93311+ 2 5.04920- 1 6.18197+ 2 5.44920- 1 5.62357+ 2   5713  3 5839
5.84920- 1 5.20353+ 2 6.24920- 1 4.88981+ 2 6.64920- 1 4.64720+ 2   5713  3 5840
7.04920- 1 4.45408+ 2 7.44920- 1 4.30560+ 2 7.84920- 1 4.20787+ 2   5713  3 5841
8.24920- 1 4.16796+ 2 8.64920- 1 4.20248+ 2 9.04920- 1 4.33866+ 2   5713  3 5842
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9.44920-	1	4.58769+	2	9.84920-	1	4.96469+	2	1.00000+	0	5.20367+	2	5713	3	5843
1.00000+	0	4.85930+	2	1.02319+	0	5.38412+	2	1.05500+	0	6.66161+	2	5713	3	5844
1.07300+	0	7.33814+	2	1.08750+	0	7.85080+	2	1.09100+	0	7.98653+	2	5713	3	5845
1.10886+	0	8.38879+	2	1.12528+	0	8.51256+	2	1.14000+	0	8.32919+	2	5713	3	5846
1.15472+	0	7.83112+	2	1.17114+	0	6.94681+	2	1.18200+	0	6.19955+	2	5713	3	5847
1.19250+	0	5.53281+	2	1.20000+	0	5.08212+	2	1.21800+	0	4.19413+	2	5713	3	5848
1.23600+	0	3.40607+	2	1.25681+	0	2.66101+	2	1.30466+	0	1.96770+	2	5713	3	5849
1.32700+	0	1.89858+	2	1.36400+	0	1.64329+	2	1.36678+	0	1.62111+	2	5713	3	5850
1.45375+	0	1.43387+	2	1.45500+	0	1.43457+	2	1.54500+	0	1.35900+	2	5713	3	5851
1.58302+	0	1.30509+	2	1.63600+	0	1.30042+	2	1.72700+	0	1.26658+	2	5713	3	5852
1.78694+	0	1.22729+	2	1.79626+	0	1.22676+	2	1.79966+	0	1.22675+	2	5713	3	5853
1.81800+	0	1.23691+	2	1.87384+	0	1.26827+	2	1.90900+	0	1.39716+	2	5713	3	5854
1.92086+	0	1.43392+	2	1.95250+	0	1.79390+	2	1.97510+	0	2.28677+	2	5713	3	5855
1.99251+	0	2.76681+	2	2.00000+	0	2.94828+	2	2.01590+	0	3.33792+	2	5713	3	5856
2.02367+	0	3.45150+	2	2.02965+	0	3.50043+	2	2.03500+	0	3.51337+	2	5713	3	5857
2.04035+	0	3.49640+	2	2.04633+	0	3.44296+	2	2.05410+	0	3.32353+	2	5713	3	5858
2.07749+	0	2.73267+	2	2.09490+	0	2.23456+	2	2.11750+	0	1.71816+	2	5713	3	5859
2.14914+	0	1.32496+	2	2.18200+	0	1.18809+	2	2.19616+	0	1.12916+	2	5713	3	5860
2.21165+	0	1.10246+	2	2.27373+	0	1.04585+	2	2.36400+	0	1.02973+	2	5713	3	5861
2.45500+	0	9.61872+	1	2.46231+	0	9.54295+	1	2.54500+	0	9.07496+	1	5713	3	5862
2.58917+	0	8.45879+	1	2.63600+	0	8.08035+	1	2.67979+	0	8.35429+	1	5713	3	5863
2.69100+	0	8.53547+	1	2.74500+	0	9.71239+	1	2.74961+	0	1.00163+	2	5713	3	5864
2.80000+	0	1.42635+	2	2.81800+	0	1.52536+	2	2.84342+	0	1.58484+	2	5713	3	5865
2.85500+	0	1.62291+	2	2.87457+	0	1.68065+	2	2.89853+	0	1.74574+	2	5713	3	5866
2.92000+	0	1.79654+	2	2.92700+	0	1.81219+	2	2.94147+	0	1.86502+	2	5713	3	5867
2.94500+	0	1.87977+	2	2.96543+	0	2.05096+	2	2.99658+	0	2.37295+	2	5713	3	5868
3.01800+	0	2.75064+	2	3.05888+	0	3.29968+	2	3.07200+	0	3.55248+	2	5713	3	5869
3.09840+	0	3.93822+	2	3.11817+	0	4.14766+	2	3.13338+	0	4.21439+	2	5713	3	5870
3.14700+	0	4.18438+	2	3.16062+	0	4.06355+	2	3.17583+	0	3.82796+	2	5713	3	5871
3.18200+	0	3.69349+	2	3.19560+	0	3.47027+	2	3.21800+	0	3.02110+	2	5713	3	5872
3.25512+	0	2.33638+	2	3.27300+	0	2.13113+	2	3.29942+	0	1.84084+	2	5713	3	5873
3.35692+	0	1.68386+	2	3.36400+	0	1.72638+	2	3.43495+	0	2.19688+	2	5713	3	5874
3.45500+	0	2.63270+	2	3.48212+	0	3.16150+	2	3.49100+	0	3.50832+	2	5713	3	5875
3.51687+	0	4.49714+	2	3.54365+	0	5.88586+	2	3.54500+	0	5.95149+	2	5713	3	5876
3.57963+	0	7.20705+	2	3.58200+	0	7.24941+	2	3.59158+	0	7.51972+	2	5713	3	5877
3.60077+	0	7.66028+	2	3.60900+	0	7.68902+	2	3.61723+	0	7.62332+	2	5713	3	5878
3.62642+	0	7.44146+	2	3.63600+	0	7.12803+	2	3.63837+	0	7.03716+	2	5713	3	5879
3.67435+	0	4.99521+	2	3.69100+	0	3.99390+	2	3.70113+	0	3.40157+	2	5713	3	5880
3.72700+	0	2.23624+	2	3.73588+	0	1.89555+	2	3.78454+	0	9.70510+	1	5713	3	5881
3.81800+	0	7.77139+	1	3.85686+	0	5.50187+	1	3.90900+	0	4.99688+	1	5713	3	5882
3.97095+	0	4.17682+	1	4.00000+	0	4.21284+	1	4.09100+	0	4.13927+	1	5713	3	5883
4.16256+	0	4.00247+	1	4.18200+	0	4.03639+	1	4.22739+	0	4.06729+	1	5713	3	5884
4.29246+	0	4.17877+	1	4.36400+	0	4.45416+	1	4.48475-	0	4.58639+	1	5713	3	5885
4.54500-	0	5.03087+	1	4.59925+	0	5.80195+	1	4.63600+	0	7.46775+	1	5713	3	5886
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4.75554+	0	2.91730+	2	4.78200+	0	4.13006+	2	4.78242+	0	4.14937+	2	5713	3	5888
4.80000+	0	4.91219+	2	4.81852+	0	5.70171+	2	4.83051+	0	6.01942+	2	5713	3	5889
4.83600+	0	6.10355+	2	4.83974+	0	6.12416+	2	4.84800+	0	6.08591+	2	5713	3	5890
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4.91358+	0	3.92148+	2	4.94046+	0	2.72495+	2	4.94500+	0	2.57860+	2	5713	3	5893
4.97534+	0	1.59571+	2	4.98100+	0	1.51494+	2	5.02416+	0	8.80168+	1	5713	3	5894
5.09100+	0	6.76750+	1	5.09675+	0	6.60287+	1	5.13866+	0	6.62422+	1	5713	3	5895
5.14500+	0	6.66782+	1	5.18200+	0	7.11359+	1	5.18327+	0	7.13073+	1	5713	3	5896
5.26052+	0	8.70263+	1	5.27300+	0	9.07071+	1	5.30900+	0	1.00871+	2	5713	3	5897
5.31248+	0	1.01604+	2	5.34960+	0	1.12406+	2	5.37820+	0	1.21906+	2	5713	3	5898
5.41663+	0	1.34067+	2	5.42939+	0	1.37394+	2	5.43921+	0	1.39587+	2	5713	3	5899
5.44800+	0	1.41253+	2	5.45679+	0	1.42624+	2	5.46661+	0	1.43807+	2	5713	3	5900
5.46744+	0	1.43891+	2	5.53736+	0	1.44337+	2	5.54500+	0	1.43991+	2	5713	3	5901
5.60000+	0	1.37633+	2	5.65500+	0	1.31717+	2	5.66264+	0	1.31707+	2	5713	3	5902
5.72700+	0	1.31140+	2	5.73256+	0	1.31518+	2	5.81800+	0	1.40222+	2	5713	3	5903
5.82346+	0	1.40868+	2	5.90900+	0	1.93377+	2	6.00000+	0	2.46225+	2	5713	3	5904
6.04863+	0	2.68413+	2	6.09100+	0	3.35336+	2	6.12963+	0	3.96346+	2	5713	3	5905
6.16232+	0	4.64569+	2	6.16400+	0	4.69007+	2	6.18747+	0	5.24088+	2	5713	3	5906
6.21000+	0	5.98336+	2	6.21800+	0	6.36809+	2	6.23253+	0	7.07004+	2	5713	3	5907
6.25500+	0	8.66283+	2	6.25768+	0	8.87042+	2	6.29037+	0	1.23758+	3	5713	3	5908
6.29100+	0	1.24519+	3	6.33106+	0	1.71851+	3	6.34818+	0	1.87830+	3	5713	3	5909
6.36194+	0	1.96374+	3	6.37252+	0	1.99662+	3	6.38200+	0	1.99934+	3	5713	3	5910
6.39148+	0	1.97613+	3	6.40206+	0	1.92043+	3	6.41582+	0	1.80553+	3	5713	3	5911
6.41800+	0	1.77774+	3	6.45500+	0	1.28541+	3	6.45725+	0	1.25628+	3	5713	3	5912
6.48808+	0	8.35888+	2	6.49100+	0	8.06700+	2	6.52810+	0	4.45331+	2	5713	3	5913

6.54500+	0	3.69633+	2	6.58412+	0	1.90091+	2	6.63600+	0	1.27565+	2	5713	3	5914
6.66741+	0	9.30245+	1	6.72052+	0	7.97455+	1	6.72700+	0	7.96741+	1	5713	3	5915
6.77646+	0	8.30257+	1	6.81800+	0	1.05745+	2	6.86416+	0	1.29596+	2	5713	3	5916
6.92315+	0	2.45944+	2	6.96529+	0	4.13856+	2	6.98200+	0	5.01240+	2	5713	3	5917
6.99776+	0	5.82192+	2	7.04138+	0	7.85638+	2	7.05587+	0	8.26807+	2	5713	3	5918
7.06702+	0	8.44822+	2	7.07700+	0	8.49904+	2	7.08698+	0	8.44270+	2	5713	3	5919
7.09813+	0	8.25639+	2	7.11262+	0	7.83661+	2	7.15624+	0	5.77697+	2	5713	3	5920
7.18200+	0	4.43781+	2	7.18871+	0	4.07335+	2	7.23085+	0	2.30559+	2	5713	3	5921
7.28984+	0	1.00897+	2	7.29100+	0	9.99897+	1	7.37754+	0	5.19904+	1	5713	3	5922
7.51588+	0	3.72939+	1	7.74821+	0	3.82030+	1	7.81800+	0	4.18731+	1	5713	3	5923
7.84976+	0	4.45503+	1	7.97215+	0	5.97589+	1	8.00000+	0	6.78551+	1	5713	3	5924
8.18100+	0	1.17740+	2	8.25212+	0	1.39189+	2	8.36300+	0	2.54045+	2	5713	3	5925
8.41882+	0	3.18631+	2	8.45300+	0	4.49499+	2	8.52451+	0	7.11944+	2	5713	3	5926
8.59560+	0	1.46820+	3	8.64639+	0	2.47311+	3	8.68551+	0	3.46204+	3	5713	3	5927
8.73808+	0	4.65544+	3	8.75554+	0	4.89751+	3	8.76897+	0	5.00461+	3	5713	3	5928
8.78100+	0	5.03659+	3	8.79303+	0	5.00658+	3	8.80646+	0	4.90171+	3	5713	3	5929
8.82392+	0	4.66261+	3	8.87649+	0	3.47912+	3	8.91561+	0	2.49947+	3	5713	3	5930
8.92500+	0	2.31699+	3	8.96640+	0	1.59013+	3	9.01500+	0	1.19796+	3	5713	3	5931
9.03749+	0	9.89631+	2	9.03990+	0	9.78192+	2	9.04219+	0	9.67831+	2	5713	3	5932
9.05200+	0	9.50360+	2	9.10600+	0	8.16802+	2	9.10977+	0	8.01930+	2	5713	3	5933
9.15804+	0	7.73509+	2	9.17900+	0	7.89846+	2	9.19523+	0	8.02449+	2	5713	3	5934
9.23300+	0	8.29594+	2	9.24520+	0	8.54154+	2	9.26180+	0	8.70677+	2	5713	3	5935
9.27456+	0	8.74279+	2	9.28600+	0	8.70070+	2	9.29744+	0	8.58610+	2	5713	3	5936
9.30600+	0	8.44387+	2	9.31020+	0	8.37865+	2	9.32680+	0	7.99880+	2	5713	3	5937
9.36000+	0	6.86310+	2	9.37677+	0	6.47205+	2	9.41396+	0	5.47463+	2	5713	3	5938
9.42072+	0	5.31246+	2	9.43200+	0	5.06896+	2	9.43624+	0	4.96018+	2	5713	3	5939
9.45100+	0	4.76960+	2	9.50500+	0	3.68152+	2	9.52162+	0	3.31877+	2	5713	3	5940
9.54100+	0	3.21996+	2	9.63634+	0	2.65925+	2	9.67444+	0	2.56931+	2	5713	3	5941
9.70374+	0	2.47776+	2	9.70400+	0	2.47666+	2	9.73000+	0	2.38575+	2	5713	3	5942
9.75626+	0	2.25927+	2	9.75900+	0	2.24245+	2	9.78556+	0	2.15371+	2	5713	3	5943
9.82366+	0	1.98410+	2	9.93838+	0	1.57632+	2	9.99500+	0	1.75753+	2	5713	3	5944
1.00238+	1	1.85013+	2	1.00390+	1	1.97363+	2	1.00460+	1	2.03644+	2	5713	3	5945
1.00850+	1	2.43585+	2	1.00850+	1	2.43620+	2	1.01373+	1	2.97028+	2	5713	3	5946
1.01547+	1	3.08172+	2	1.01680+	1	3.13306+	2	1.01760+	1	3.14512+	2	5713	3	5947
1.01800+	1	3.14802+	2	1.01920+	1	3.12990+	2	1.02053+	1	3.07776+	2	5713	3	5948
1.02227+	1	2.96506+	2	1.02519+	1	2.68563+	2	1.02670+	1	2.57999+	2	5713	3	5949
1.03390+	1	2.28237+	2	1.04300+	1	1.67134+	2	1.04745+	1	1.31513+	2	5713	3	5950
1.06069+	1	1.18125+	2	1.06290+	1	1.16856+	2	1.07087+	1	1.21206+	2	5713	3	5951
1.07200+	1	1.21489+	2	1.08000+	1	1.25220+	2	1.08110+	1	1.25251+	2	5713	3	5952
1.08913+	1	1.22001+	2	1.09370+	1	1.18487+	2	1.09920+	1	1.19153+	2	5713	3	5953
1.09931+	1	1.19179+	2	1.11255+	1	1.21722+	2	1.12640+	1	3.52684+	2	5713	3	5954
1.14090+	1	5.84146+	2	1.14450+	1	6.42551+	2	1.14810+	1	6.98823+	2	5713	3	5955
1.15242+	1	7.48746+	2	1.15540+	1	1.00530+	3	1.15593+	1	1.05349+	3	5713	3	5956
1.15643+	1	1.10077+	3	1.16203+	1	1.58402+	3	1.16389+	1	1.68458+	3	5713	3	5957
1.16532+	1	1.72929+	3	1.16660+	1	1.74266+	3	1.16788+	1	1.73010+	3	5713	3	5958
1.16931+	1	1.68630+	3	1.17117+	1	1.58695+	3	1.17677+	1	1.10772+	3	5713	3	5959
1.18094+	1	7.33282+	2	1.18620+	1	4.02470+	2	1.18635+	1	3.93800+	2	5713	3	5960
1.18980+	1	3.27910+	2	1.19393+	1	2.33045+	2	1.20000+	1	2.36801+	2	5713	3	5961
1.20255+	1	2.38586+	2	1.20910+	1	3.57530+	2	1.21143+	1	4.06320+	2	5713	3	5962
1.21450+	1	6.10930+	2	1.21924+	1	8.92642+	2	1.22000+	1	9.94330+	2	5713	3	5963
1.22482+	1	1.61968+	3	1.22911+	1	2.39366+	3	1.23489+	1	3.36087+	3	5713	3	5964
1.23500+	1	3.37241+	3	1.23680+	1	3.56606+	3	1.23828+	1	3.65715+	3	5713	3	5965
1.23960+	1	3.68400+	3	1.24092+	1	3.65773+	3	1.24240+	1	3.56729+	3	5713	3	5966
1.24431+	1	3.36234+	3	1.24900+	1	2.55340+	3	1.24910+	1	2.53618+	3	5713	3	5967
1.25009+	1	2.36573+	3	1.25438+	1	1.57122+	3	1.25440+	1	1.56910+	3	5713	3	5968
1.25996+	1	8.24159+	2	1.26264+	1	6.03257+	2	1.26536+	1	4.53662+	2	5713	3	5969
1.27104+	1	3.06511+	2	1.27542+	1	2.75523+	2	1.28130+	1	2.70808+	2	5713	3	5970
1.28325+	1	2.70661+	2	1.28475+	1	2.69371+	2	1.28610+	1	2.67089+	2	5713	3	5971
1.28745+	1	2.63632+	2	1.28895+	1	2.58388+	2	1.29090+	1	2.49512+	2	5713	3	5972
1.29678+	1	2.14606+	2	1.30116+	1	1.90272+	2	1.30583+	1	1.75035+	2	5713	3	5973
1.31097+	1	1.74721+	2	1.31577+	1	1.87218+	2	1.32223+	1	2.10906+	2	5713	3	5974
1.32437+	1	2.17506+	2	1.32602+	1	2.21498+	2	1.32750+	1	2.24228+	2	5713	3	5975
1.32898+	1	2.26079+	2	1.33063+	1	2.27187+	2	1.33277+	1	2.27258+	2	5713	3	5976
1.33923+	1	2.23878+	2	1.34403+	1	2.26568+	2	1.34941+	1	2.44081+	2	5713	3	5977
1.35446+	1	2.78102+	2	1.35897+	1	3.21705+	2	1.36504+	1	3.91742+	2	5713	3	5978
1.36706+	1	4.15729+	2	1.36861+	1	4.33966+	2	1.37000+	1	4.50038+	2	5713	3	5979
1.37139+	1	4.65825+	2	1.37294+	1	4.83131+	2	1.37496+	1	5.05401+	2	5713	3	5980
1.37660+	1	5.22612+	2	1.38232+	1	5.79977+	2	1.38935+	1	6.42490+	2	5713	3	5981
1.39475+	1	6.74447+	2	1.39960+	1	6.81295+	2	1.40445+	1	6.62965+	2	5713	3	5982
1.40850+	1	6.26959+	2	1.40985+	1	6.16465+	2	1.41688+	1	5.35017+	2	5713	3	5983
1.42670+	1	4.68083+	2	1.43570+	1	4.17002+	2	1.43806+	1	3.98278+	2	5713	3	5984

1.44120+	1	4.12241+	2	1.44190+	1	4.13967+	2	1.44304+	1	4.18780+	2	5713	3	5985
1.44480+	1	4.25756+	2	1.44929+	1	4.32856+	2	1.45137+	1	4.28919+	2	5713	3	5986
1.45297+	1	4.21436+	2	1.45440+	1	4.11003+	2	1.45583+	1	3.96910+	2	5713	3	5987
1.45743+	1	3.76956+	2	1.45951+	1	3.45002+	2	1.46110+	1	3.14163+	2	5713	3	5988
1.46470+	1	2.62152+	2	1.46576+	1	2.47968+	2	1.47041+	1	1.85336+	2	5713	3	5989
1.47370+	1	1.54721+	2	1.47646+	1	1.28381+	2	1.48491+	1	9.54610+	1	5713	3	5990
1.49010+	1	9.49142+	1	1.49688+	1	8.31963+	1	1.50000+	1	8.62392+	1	5713	3	5991
1.50910+	1	1.02822+	2	1.50920+	1	1.02970+	2	1.51790+	1	1.71911+	2	5713	3	5992
1.51820+	1	1.77104+	2	1.52412+	1	2.74853+	2	1.52730+	1	3.47118+	2	5713	3	5993
1.52891+	1	3.84556+	2	1.53535+	1	5.23126+	2	1.53640+	1	5.37077+	2	5713	3	5994
1.53748+	1	5.51398+	2	1.53913+	1	5.63776+	2	1.54060+	1	5.67248+	2	5713	3	5995
1.54207+	1	5.63333+	2	1.54372+	1	5.50464+	2	1.54550+	1	5.26359+	2	5713	3	5996
1.54585+	1	5.21157+	2	1.55229+	1	3.73482+	2	1.55450+	1	3.19073+	2	5713	3	5997
1.55708+	1	2.56310+	2	1.56330+	1	1.44640+	2	1.56360+	1	1.42277+	2	5713	3	5998
1.57200+	1	8.80742+	1	1.57270+	1	8.77263+	1	1.57433+	1	8.73175+	1	5713	3	5999
1.57671+	1	9.22687+	1	1.58180+	1	1.40351+	2	1.58560+	1	1.74701+	2	5713	3	6000
1.59090+	1	3.00180+	2	1.59196+	1	3.24860+	2	1.59685+	1	4.90066+	2	5713	3	6001
1.60000+	1	5.92254+	2	1.60343+	1	7.03364+	2	1.60561+	1	7.48085+	2	5713	3	6002
1.60729+	1	7.68156+	2	1.60880+	1	7.74403+	2	1.60910+	1	7.73376+	2	5713	3	6003
1.61031+	1	7.69250+	2	1.61199+	1	7.50422+	2	1.61417+	1	7.07392+	2	5713	3	6004
1.61820+	1	5.80699+	2	1.62075+	1	4.94928+	2	1.62564+	1	3.26618+	2	5713	3	6005
1.62730+	1	2.88767+	2	1.63200+	1	1.83455+	2	1.63640+	1	1.47962+	2	5713	3	6006
1.63749+	1	1.41159+	2	1.64309+	1	1.69221+	2	1.64360+	1	1.76590+	2	5713	3	6007
1.64910+	1	2.54591+	2	1.64956+	1	2.61809+	2	1.65450+	1	3.66028+	2	5713	3	6008
1.65454+	1	3.66942+	2	1.66123+	1	5.07480+	2	1.66346+	1	5.38488+	2	5713	3	6009
1.66360+	1	5.39814+	2	1.66517+	1	5.49126+	2	1.66670+	1	5.51851+	2	5713	3	6010
1.66823+	1	5.48405+	2	1.66994+	1	5.37432+	2	1.67217+	1	5.12836+	2	5713	3	6011
1.67270+	1	5.03088+	2	1.67886+	1	3.97656+	2	1.68180+	1	3.39992+	2	5713	3	6012
1.68384+	1	3.01650+	2	1.69031+	1	2.06817+	2	1.69090+	1	2.02711+	2	5713	3	6013
1.69450+	1	1.72783+	2	1.69936+	1	1.24301+	2	1.70000+	1	1.21882+	2	5713	3	6014
1.70910+	1	9.20738+	1	1.71282+	1	7.77134+	1	1.71810+	1	7.03939+	1	5713	3	6015
1.72730+	1	6.16185+	1	1.73405+	1	5.51896+	1	1.73457+	1	5.49889+	1	5713	3	6016
1.73511+	1	5.47922+	1	1.73640+	1	5.51745+	1	1.74550+	1	6.29520+	1	5713	3	6017
1.75450+	1	6.55535+	1	1.75720+	1	6.74933+	1	1.76360+	1	9.15309+	1	5713	3	6018
1.77121+	1	1.18974+	2	1.77270+	1	1.34914+	2	1.78063+	1	2.18398+	2	5713	3	6019
1.78180+	1	2.40217+	2	1.78736+	1	3.49192+	2	1.79090+	1	4.32835+	2	5713	3	6020
1.79254+	1	4.71228+	2	1.79951+	1	6.11972+	2	1.80183+	1	6.40400+	2	5713	3	6021
1.80361+	1	6.53333+	2	1.80520+	1	6.57768+	2	1.80679+	1	6.55295+	2	5713	3	6022
1.80857+	1	6.44557+	2	1.80910+	1	6.38744+	2	1.81089+	1	6.18492+	2	5713	3	6023
1.81786+	1	4.84579+	2	1.81820+	1	4.76904+	2	1.82304+	1	3.68862+	2	5713	3	6024
1.82730+	1	2.91288+	2	1.82977+	1	2.53229+	2	1.83640+	1	2.06043+	2	5713	3	6025
1.83919+	1	1.79902+	2	1.84550+	1	1.65231+	2	1.85004+	1	1.51425+	2	5713	3	6026
1.85450+	1	1.55352+	2	1.86116+	1	1.59395+	2	1.86360+	1	1.70465+	2	5713	3	6027
1.87082+	1	1.98948+	2	1.87270+	1	2.15911+	2	1.87772+	1	2.62620+	2	5713	3	6028
1.88180+	1	3.22998+	2	1.88303+	1	3.41703+	2	1.89017+	1	5.00879+	2	5713	3	6029
1.89090+	1	5.23546+	2	1.89254+	1	5.73624+	2	1.89437+	1	6.40413+	2	5713	3	6030
1.89600+	1	7.10901+	2	1.89763+	1	7.93864+	2	1.89946+	1	9.04417+	2	5713	3	6031
1.90000+	1	9.45128+	2	1.90183+	1	1.08424+	3	1.90897+	1	1.93385+	3	5713	3	6032
1.91278+	1	2.58798+	3	1.91662+	1	3.33889+	3	1.92382+	1	4.61062+	3	5713	3	6033
1.92621+	1	4.86947+	3	1.92805+	1	4.98249+	3	1.92970+	1	5.01375+	3	5713	3	6034
1.93135+	1	4.97704+	3	1.93319+	1	4.85773+	3	1.93558+	1	4.59000+	3	5713	3	6035
1.93810+	1	4.13286+	3	1.94278+	1	3.30042+	3	1.94360+	1	3.14168+	3	5713	3	6036
1.94550+	1	2.79581+	3	1.94815+	1	2.30894+	3	1.94910+	1	2.18027+	3	5713	3	6037
1.95090+	1	1.93207+	3	1.95270+	1	1.66726+	3	1.95450+	1	1.39007+	3	5713	3	6038
1.95510+	1	1.29678+	3	1.96180+	1	7.63034+	2	1.96411+	1	5.83193+	2	5713	3	6039
1.96720+	1	5.04897+	2	1.97270+	1	3.70107+	2	1.97690+	1	2.70880+	2	5713	3	6040
1.98180+	1	2.38468+	2	1.98679+	1	2.06875+	2	1.99090+	1	2.00152+	2	5713	3	6041
1.99441+	1	1.93977+	2	2.00000+	1	1.95228+	2	2.00464+	1	2.00045+	2	5713	3	6042
2.00804+	1	2.03083+	2	2.00910+	1	2.03405+	2	2.01066+	1	2.04568+	2	5713	3	6043
2.01300+	1	2.04682+	2	2.01534+	1	2.03161+	2	2.01707+	1	2.01016+	2	5713	3	6044
2.01831+	1	1.98986+	2	2.02000+	1	1.95683+	2	2.02169+	1	1.91913+	2	5713	3	6045
2.02357+	1	1.87428+	2	2.02602+	1	1.81757+	2	2.02730+	1	1.80567+	2	5713	3	6046
2.03339+	1	1.76625+	2	2.03640+	1	1.86067+	2	2.03887+	1	1.91648+	2	5713	3	6047
2.04040+	1	1.99162+	2	2.04194+	1	2.08526+	2	2.04550+	1	2.37762+	2	5713	3	6048
2.04748+	1	2.52230+	2	2.05450+	1	3.09148+	2	2.05492+	1	3.13307+	2	5713	3	6049
2.05739+	1	3.31548+	2	2.05820+	1	3.35978+	2	2.05930+	1	3.44702+	2	5713	3	6050
2.06100+	1	3.55492+	2	2.06270+	1	3.63792+	2	2.06360+	1	3.67047+	2	5713	3	6051
2.06461+	1	3.71119+	2	2.06708+	1	3.79112+	2	2.06730+	1	3.80526+	2	5713	3	6052
2.07270+	1	4.18026+	2	2.07452+	1	4.28316+	2	2.07640+	1	4.67694+	2	5713	3	6053
2.08006+	1	5.41064+	2	2.08180+	1	6.10113+	2	2.08397+	1	6.93320+	2	5713	3	6054
2.08792+	1	9.18872+	2	2.09090+	1	1.14131+	3	2.09353+	1	1.33343+	3	5713	3	6055

2.10000+	1	1.79060+	3	2.10105+	1	1.86162+	3	2.10355+	1	1.96195+	3	5713	3	6056
2.10360+	1	1.96290+	3	2.10548+	1	2.00296+	3	2.10720+	1	2.00908+	3	5713	3	6057
2.10892+	1	1.98538+	3	2.10910+	1	1.97978+	3	2.11085+	1	1.91765+	3	5713	3	6058
2.11270+	1	1.81523+	3	2.11335+	1	1.78394+	3	2.11820+	1	1.41260+	3	5713	3	6059
2.12087+	1	1.21774+	3	2.12180+	1	1.14586+	3	2.12640+	1	8.06105+	2	5713	3	6060
2.12648+	1	8.00229+	2	2.13375+	1	3.96606+	2	2.13640+	1	3.33717+	2	5713	3	6061
2.14000+	1	2.39081+	2	2.14393+	1	1.39666+	2	2.14550+	1	1.30714+	2	5713	3	6062
2.15450+	1	7.34761+	1	2.15906+	1	4.57573+	1	2.17270+	1	2.92473+	1	5713	3	6063
2.18293+	1	2.17995+	1	2.19090+	1	2.21630+	1	2.19857+	1	2.18637+	1	5713	3	6064
2.20910+	1	2.41137+	1	2.21488+	1	2.61701+	1	2.22730+	1	3.50963+	1	5713	3	6065
2.23979+	1	4.51523+	1	2.24550+	1	5.81125+	1	2.25558+	1	8.13995+	1	5713	3	6066
2.26360+	1	1.43550+	2	2.26620+	1	1.63214+	2	2.27379+	1	2.87054+	2	5713	3	6067
2.27963+	1	4.18820+	2	2.28180+	1	4.65624+	2	2.28749+	1	5.85188+	2	5713	3	6068
2.29010+	1	6.21152+	2	2.29210+	1	6.38652+	2	2.29390+	1	6.46114+	2	5713	3	6069
2.29570+	1	6.45721+	2	2.29770+	1	6.36490+	2	2.30000+	1	6.15461+	2	5713	3	6070
2.30031+	1	6.12997+	2	2.30817+	1	5.15869+	2	2.31150+	1	4.96050+	2	5713	3	6071
2.31401+	1	4.77889+	2	2.31743+	1	4.93784+	2	2.32088+	1	5.47482+	2	5713	3	6072
2.32300+	1	6.09747+	2	2.32679+	1	7.19596+	2	2.33472+	1	1.02983+	3	5713	3	6073
2.33736+	1	1.12399+	3	2.33938+	1	1.18608+	3	2.34120+	1	1.23215+	3	5713	3	6074
2.34302+	1	1.26814+	3	2.34504+	1	1.29589+	3	2.34600+	1	1.30198+	3	5713	3	6075
2.34768+	1	1.31333+	3	2.35100+	1	1.30738+	3	2.35504+	1	1.26586+	3	5713	3	6076
2.35824+	1	1.21291+	3	2.36070+	1	1.16315+	3	2.36290+	1	1.11315+	3	5713	3	6077
2.36510+	1	1.05876+	3	2.36756+	1	9.93652+	2	2.36900+	1	9.53110+	2	5713	3	6078
2.37076+	1	9.04036+	2	2.38039+	1	6.25496+	2	2.38740+	1	4.57331+	2	5713	3	6079
2.38756+	1	4.53127+	2	2.39641+	1	3.16119+	2	2.40110+	1	3.04565+	2	5713	3	6080
2.40382+	1	3.04410+	2	2.40983+	1	3.60165+	2	2.41030+	1	3.66479+	2	5713	3	6081
2.41791+	1	4.83423+	2	2.42059+	1	5.20165+	2	2.42265+	1	5.43436+	2	5713	3	6082
2.42450+	1	5.59567+	2	2.42635+	1	5.70633+	2	2.42841+	1	5.76597+	2	5713	3	6083
2.43074+	1	5.75145+	2	2.43308+	1	5.65416+	2	2.43515+	1	5.50695+	2	5713	3	6084
2.43700+	1	5.33451+	2	2.43790+	1	5.23624+	2	2.43885+	1	5.13332+	2	5713	3	6085
2.44092+	1	4.88540+	2	2.44361+	1	4.54369+	2	2.45170+	1	3.59994+	2	5713	3	6086
2.45214+	1	3.55840+	2	2.45412+	1	3.38896+	2	2.46090+	1	3.50759+	2	5713	3	6087
2.48390+	1	3.15770+	2	2.49039+	1	3.03467+	2	2.50243+	1	3.43626+	2	5713	3	6088
2.50690+	1	3.59768+	2	2.51170+	1	3.84373+	2	2.51610+	1	4.07701+	2	5713	3	6089
2.52000+	1	4.31387+	2	2.52830+	1	4.85691+	2	2.53450+	1	5.29630+	2	5713	3	6090
2.53757+	1	5.47269+	2	2.54684+	1	5.93153+	2	2.55104+	1	6.03925+	2	5713	3	6091
2.55290+	1	6.04158+	2	2.55524+	1	6.06127+	2	2.55750+	1	6.01706+	2	5713	3	6092
2.55900+	1	5.99020+	2	2.56276+	1	5.82154+	2	2.56696+	1	5.52338+	2	5713	3	6093
2.57130+	1	5.11076+	2	2.57242+	1	4.98035+	2	2.58510+	1	3.39259+	2	5713	3	6094
2.58886+	1	2.89956+	2	2.60110+	1	1.83145+	2	2.60340+	1	1.79442+	2	5713	3	6095
2.61260+	1	1.85373+	2	2.61698+	1	1.99206+	2	2.61781+	1	2.06135+	2	5713	3	6096
2.61824+	1	2.09875+	2	2.62180+	1	2.50693+	2	2.62639+	1	3.02389+	2	5713	3	6097
2.63267+	1	3.93451+	2	2.64111+	1	5.06864+	2	2.64391+	1	5.33043+	2	5713	3	6098
2.64480+	1	5.38906+	2	2.64607+	1	5.44523+	2	2.64800+	1	5.48304+	2	5713	3	6099
2.64993+	1	5.47437+	2	2.65209+	1	5.41058+	2	2.65400+	1	5.29969+	2	5713	3	6100
2.65489+	1	5.24923+	2	2.65949+	1	4.83000+	2	2.66529+	1	4.13427+	2	5713	3	6101
2.66884+	1	3.68765+	2	2.67156+	1	3.35733+	2	2.67400+	1	3.08032+	2	5713	3	6102
2.67644+	1	2.82621+	2	2.67916+	1	2.57319+	2	2.68271+	1	2.29546+	2	5713	3	6103
2.69337+	1	1.80016+	2	2.69671+	1	1.73626+	2	2.69938+	1	1.70799+	2	5713	3	6104
2.70000+	1	1.70645+	2	2.70792+	1	1.69427+	2	2.71076+	1	1.69071+	2	5713	3	6105
2.71294+	1	1.68166+	2	2.71380+	1	1.67544+	2	2.71490+	1	1.66595+	2	5713	3	6106
2.71686+	1	1.64281+	2	2.71904+	1	1.60976+	2	2.72188+	1	1.56024+	2	5713	3	6107
2.73042+	1	1.40090+	2	2.73678+	1	1.38380+	2	2.73680+	1	1.38461+	2	5713	3	6108
2.74140+	1	1.56150+	2	2.74503+	1	1.70121+	2	2.74706+	1	1.86444+	2	5713	3	6109
2.74911+	1	2.07067+	2	2.75746+	1	3.35601+	2	2.75980+	1	3.85266+	2	5713	3	6110
2.76390+	1	4.72260+	2	2.77254+	1	6.42792+	2	2.77541+	1	6.78412+	2	5713	3	6111
2.77762+	1	6.94852+	2	2.77960+	1	7.00603+	2	2.78158+	1	6.97723+	2	5713	3	6112
2.78280+	1	6.90478+	2	2.78379+	1	6.84623+	2	2.78666+	1	6.53518+	2	5713	3	6113
2.79426+	1	5.20414+	2	2.80190+	1	3.76355+	2	2.80479+	1	3.32664+	2	5713	3	6114
2.80570+	1	3.21270+	2	2.80701+	1	3.04843+	2	2.80900+	1	2.84375+	2	5713	3	6115
2.81099+	1	2.68035+	2	2.81321+	1	2.54385+	2	2.81610+	1	2.42962+	2	5713	3	6116
2.82202+	1	2.35699+	2	2.82797+	1	2.37775+	2	2.82870+	1	2.37831+	2	5713	3	6117
2.83087+	1	2.37997+	2	2.83310+	1	2.36759+	2	2.83510+	1	2.34295+	2	5713	3	6118
2.83710+	1	2.30419+	2	2.83933+	1	2.24195+	2	2.84223+	1	2.13995+	2	5713	3	6119
2.84250+	1	2.12717+	2	2.85096+	1	1.73960+	2	2.85170+	1	1.70383+	2	5713	3	6120
2.85299+	1	1.64080+	2	2.85504+	1	1.54465+	2	2.86383+	1	1.20174+	2	5713	3	6121
2.86674+	1	1.11401+	2	2.86899+	1	1.05326+	2	2.87100+	1	1.00253+	2	5713	3	6122
2.87301+	1	9.54498+	1	2.87470+	1	9.15803+	1	2.87526+	1	9.03404+	1	5713	3	6123
2.87817+	1	8.40639+	1	2.88696+	1	6.65697+	1	2.89350+	1	5.57883+	1	5713	3	6124
2.89770+	1	5.11873+	1	2.90199+	1	4.58515+	1	2.91387+	1	3.96142+	1	5713	3	6125

2.91733+	1	3.95645+	1	2.92070+	1	4.04587+	1	2.92084+	1	4.04754+	1	5713	3	6126
2.93291+	1	5.42195+	1	2.94154+	1	8.28660+	1	2.94370+	1	9.35320+	1	5713	3	6127
2.94818+	1	1.15666+	2	2.95711+	1	1.58316+	2	2.96008+	1	1.67123+	2	5713	3	6128
2.96236+	1	1.70926+	2	2.96440+	1	1.71896+	2	2.96644+	1	1.70496+	2	5713	3	6129
2.96670+	1	1.70015+	2	2.96872+	1	1.66713+	2	2.97169+	1	1.58020+	2	5713	3	6130
2.98062+	1	1.15813+	2	2.98726+	1	8.35106+	1	2.98970+	1	7.57223+	1	5713	3	6131
2.99589+	1	5.45208+	1	3.00000+	1	5.02128+	1	3.00796+	1	4.29960+	1	5713	3	6132
3.01133+	1	4.43279+	1	3.01475+	1	4.73751+	1	3.02290+	1	6.59365+	1	5713	3	6133
3.02701+	1	7.49669+	1	3.03578+	1	1.16036+	2	3.04253+	1	1.61417+	2	5713	3	6134
3.04570+	1	1.87821+	2	3.05160+	1	2.37247+	2	3.05461+	1	2.65292+	2	5713	3	6135
3.05692+	1	2.87758+	2	3.05900+	1	3.08558+	2	3.06108+	1	3.29978+	2	5713	3	6136
3.06339+	1	3.54525+	2	3.06640+	1	3.87048+	2	3.06860+	1	4.09849+	2	5713	3	6137
3.07247+	1	4.50046+	2	3.07770+	1	4.89536+	2	3.07856+	1	4.96052+	2	5713	3	6138
3.08159+	1	5.06179+	2	3.08392+	1	5.06391+	2	3.08600+	1	5.00489+	2	5713	3	6139
3.08808+	1	4.88738+	2	3.09041+	1	4.68992+	2	3.09140+	1	4.57588+	2	5713	3	6140
3.09344+	1	4.32828+	2	3.09600+	1	3.91702+	2	3.10255+	1	2.87208+	2	5713	3	6141
3.10933+	1	1.83133+	2	3.10970+	1	1.79266+	2	3.11430+	1	1.32373+	2	5713	3	6142
3.11813+	1	9.51465+	1	3.13045+	1	5.20710+	1	3.13710+	1	5.41225+	1	5713	3	6143
3.14592+	1	5.91516+	1	3.16000+	1	1.17690+	2	3.16169+	1	1.23806+	2	5713	3	6144
3.16910+	1	2.32874+	2	3.17425+	1	3.09228+	2	3.18290+	1	5.92510+	2	5713	3	6145
3.18322+	1	6.02792+	2	3.18740+	1	7.88060+	2	3.19013+	1	9.13067+	2	5713	3	6146
3.19660+	1	1.18972+	3	3.19942+	1	1.30824+	3	3.20250+	1	1.38869+	3	5713	3	6147
3.20487+	1	1.42433+	3	3.20570+	1	1.42843+	3	3.20700+	1	1.43487+	3	5713	3	6148
3.20913+	1	1.42467+	3	3.21150+	1	1.38940+	3	3.21458+	1	1.30944+	3	5713	3	6149
3.21940+	1	1.10761+	3	3.22387+	1	9.20453+	2	3.22860+	1	7.08062+	2	5713	3	6150
3.23078+	1	6.08683+	2	3.23975+	1	3.09397+	2	3.25140+	1	1.29517+	2	5713	3	6151
3.25231+	1	1.16002+	2	3.27098+	1	5.23092+	1	3.27430+	1	4.97806+	1	5713	3	6152
3.27870+	1	4.80525+	1	3.28659+	1	5.02636+	1	3.29710+	1	7.42006+	1	5713	3	6153
3.30568+	1	9.23464+	1	3.31852+	1	2.45805+	2	3.32000+	1	2.89709+	2	5713	3	6154
3.32769+	1	5.19735+	2	3.33475+	1	8.26748+	2	3.34425+	1	1.22781+	3	5713	3	6155
3.34740+	1	1.31325+	3	3.34983+	1	1.35232+	3	3.35200+	1	1.36546+	3	5713	3	6156
3.35417+	1	1.35649+	3	3.35660+	1	1.32210+	3	3.35975+	1	1.24286+	3	5713	3	6157
3.36110+	1	1.18876+	3	3.36925+	1	8.62082+	2	3.37490+	1	6.32358+	2	5713	3	6158
3.37631+	1	5.75028+	2	3.38548+	1	3.40672+	2	3.38860+	1	3.22903+	2	5713	3	6159
3.39423+	1	2.90789+	2	3.40310+	1	4.05861+	2	3.41140+	1	6.81631+	2	5713	3	6160
3.41238+	1	7.14257+	2	3.41954+	1	1.05976+	3	3.42915+	1	1.51206+	3	5713	3	6161
3.43234+	1	1.61341+	3	3.43430+	1	1.65425+	3	3.43480+	1	1.66245+	3	5713	3	6162
3.43700+	1	1.67696+	3	3.43920+	1	1.67081+	3	3.44166+	1	1.64081+	3	5713	3	6163
3.44340+	1	1.60230+	3	3.44485+	1	1.63838+	3	3.44800+	1	1.68298+	3	5713	3	6164
3.45260+	1	1.59850+	3	3.45446+	1	1.55258+	3	3.45710+	1	1.50436+	3	5713	3	6165
3.46092+	1	1.39626+	3	3.46170+	1	1.38784+	3	3.46630+	1	1.28307+	3	5713	3	6166
3.46742+	1	1.26559+	3	3.47090+	1	1.28893+	3	3.47540+	1	1.35051+	3	5713	3	6167
3.47710+	1	1.37626+	3	3.48031+	1	1.46850+	3	3.48278+	1	1.55083+	3	5713	3	6168
3.48460+	1	1.61776+	3	3.48500+	1	1.63422+	3	3.48722+	1	1.73290+	3	5713	3	6169
3.48910+	1	1.82480+	3	3.48969+	1	1.85260+	3	3.49290+	1	2.01699+	3	5713	3	6170
3.50181+	1	2.53541+	3	3.50290+	1	2.59219+	3	3.51076+	1	2.99673+	3	5713	3	6171
3.51399+	1	3.09145+	3	3.51647+	1	3.12393+	3	3.51870+	1	3.11956+	3	5713	3	6172
3.52093+	1	3.08223+	3	3.52150+	1	3.06719+	3	3.52325+	1	3.00846+	3	5713	3	6173
3.52570+	1	2.86785+	3	3.53000+	1	2.62349+	3	3.53675+	1	2.08582+	3	5713	3	6174
3.54428+	1	1.48579+	3	3.54860+	1	1.23005+	3	3.55407+	1	9.05953+	2	5713	3	6175
3.56409+	1	5.71210+	2	3.57140+	1	4.75482+	2	3.58639+	1	2.79279+	2	5713	3	6176
3.59430+	1	2.42336+	2	3.60820+	1	1.77450+	2	3.62497+	1	1.37967+	2	5713	3	6177
3.64000+	1	1.16120+	2	3.65503+	1	1.01272+	2	3.66290+	1	9.58803+	1	5713	3	6178
3.67180+	1	8.72332+	1	3.68570+	1	7.73306+	1	3.69361+	1	7.24946+	1	5713	3	6179
3.69500+	1	7.18257+	1	3.69639+	1	7.11758+	1	3.70860+	1	6.66642+	1	5713	3	6180
3.71820+	1	6.94187+	1	3.73140+	1	7.48304+	1	3.73497+	1	7.54255+	1	5713	3	6181
3.75000+	1	7.91844+	1	3.75430+	1	8.09864+	1	3.76503+	1	8.36392+	1	5713	3	6182
3.77710+	1	9.31440+	1	3.78180+	1	9.64119+	1	3.80000+	1	1.38762+	2	5713	3	6183
3.80361+	1	1.47201+	2	3.81666+	1	1.91615+	2	3.81927+	1	1.98880+	2	5713	3	6184
3.82290+	1	2.06571+	2	3.82363+	1	2.08108+	2	3.82699+	1	2.12080+	2	5713	3	6185
3.83000+	1	2.13076+	2	3.83301+	1	2.11573+	2	3.83637+	1	2.07053+	2	5713	3	6186
3.84073+	1	1.97248+	2	3.84570+	1	1.80712+	2	3.85388+	1	1.52022+	2	5713	3	6187
3.86366+	1	1.20593+	2	3.86860+	1	1.13371+	2	3.87637+	1	1.01630+	2	5713	3	6188
3.89140+	1	1.41226+	2	3.89225+	1	1.43015+	2	3.90469+	1	3.04891+	2	5713	3	6189
3.91430+	1	5.92144+	2	3.91464+	1	6.02480+	2	3.92230+	1	9.31400+	2	5713	3	6190
3.92340+	1	9.76151+	2	3.92800+	1	1.20315+	3	3.93260+	1	1.38624+	3	5713	3	6191
3.93601+	1	1.47077+	3	3.93710+	1	1.48608+	3	3.93864+	1	1.50958+	3	5713	3	6192
3.94100+	1	1.52264+	3	3.94336+	1	1.51362+	3	3.94599+	1	1.47828+	3	5713	3	6193
3.94940+	1	1.39652+	3	3.95090+	1	1.33898+	3	3.95970+	1	1.00120+	3	5713	3	6194
3.96000+	1	9.88961+	2	3.96542+	1	7.68070+	2	3.96910+	1	6.44519+	2	5713	3	6195
3.97118+	1	5.74625+	2	3.98154+	1	3.60755+	2	3.98290+	1	3.44876+	2	5713	3	6196

3.98498+	1	3.20490+	2	3.98763+	1	2.96197+	2	3.99000+	1	2.78049+	2	5713	3	6197
3.99237+	1	2.62390+	2	3.99502+	1	2.47007+	2	3.99660+	1	2.38846+	2	5713	3	6198
3.99846+	1	2.28350+	2	4.00882+	1	1.81273+	2	4.01652+	1	1.61300+	2	5713	3	6199
4.01940+	1	1.59785+	2	4.02167+	1	1.60528+	2	4.02687+	1	1.70918+	2	5713	3	6200
4.03464+	1	1.99041+	2	4.04508+	1	2.41267+	2	4.04854+	1	2.51116+	2	5713	3	6201
4.05121+	1	2.56161+	2	4.05140+	1	2.56353+	2	4.05360+	1	2.60146+	2	5713	3	6202
4.05599+	1	2.62214+	2	4.05866+	1	2.62154+	2	4.06212+	1	2.58658+	2	5713	3	6203
4.06970+	1	2.40802+	2	4.07256+	1	2.34258+	2	4.07430+	1	2.30374+	2	5713	3	6204
4.07890+	1	2.16207+	2	4.08033+	1	2.10849+	2	4.08247+	1	2.04719+	2	5713	3	6205
4.08634+	1	1.96456+	2	4.09710+	1	2.00993+	2	4.10049+	1	2.00740+	2	5713	3	6206
4.11949+	1	2.67859+	2	4.12000+	1	2.70143+	2	4.12580+	1	3.00488+	2	5713	3	6207
4.13065+	1	3.25072+	2	4.13500+	1	3.46123+	2	4.13935+	1	3.66716+	2	5713	3	6208
4.14290+	1	3.84249+	2	4.14420+	1	3.89966+	2	4.15042+	1	4.23115+	2	5713	3	6209
4.15388+	1	4.46925+	2	4.15658+	1	4.68958+	2	4.15660+	1	4.69148+	2	5713	3	6210
4.15900+	1	4.93587+	2	4.16142+	1	5.20955+	2	4.16412+	1	5.54417+	2	5713	3	6211
4.16570+	1	5.75485+	2	4.16763+	1	6.01115+	2	4.17313+	1	6.75136+	2	5713	3	6212
4.17864+	1	7.37583+	2	4.17940+	1	7.43275+	2	4.18216+	1	7.67465+	2	5713	3	6213
4.18487+	1	7.81398+	2	4.18730+	1	7.85829+	2	4.18973+	1	7.82493+	2	5713	3	6214
4.19244+	1	7.69989+	2	4.19596+	1	7.41668+	2	4.19770+	1	7.20504+	2	5713	3	6215
4.20511+	1	6.16087+	2	4.21140+	1	5.26395+	2	4.21430+	1	4.83751+	2	5713	3	6216
4.21784+	1	4.39819+	2	4.22056+	1	4.09450+	2	4.22300+	1	3.84533+	2	5713	3	6217
4.22544+	1	3.61528+	2	4.22816+	1	3.37834+	2	4.22970+	1	3.25638+	2	5713	3	6218
4.23170+	1	3.15067+	2	4.23890+	1	2.90157+	2	4.24236+	1	2.72599+	2	5713	3	6219
4.24594+	1	2.61809+	2	4.24954+	1	2.54803+	2	4.25710+	1	2.50471+	2	5713	3	6220
4.26025+	1	2.43658+	2	4.26381+	1	2.36397+	2	4.26655+	1	2.29522+	2	5713	3	6221
4.26900+	1	2.21941+	2	4.27090+	1	2.14884+	2	4.27145+	1	2.14106+	2	5713	3	6222
4.27419+	1	2.08420+	2	4.27775+	1	1.98458+	2	4.28000+	1	1.90775+	2	5713	3	6223
4.28846+	1	1.72556+	2	4.28910+	1	1.72207+	2	4.29644+	1	1.46104+	2	5713	3	6224
4.30290+	1	1.46307+	2	4.30425+	1	1.46595+	2	4.31214+	1	1.83257+	2	5713	3	6225
4.32018+	1	2.50703+	2	4.32110+	1	2.58959+	2	4.33030+	1	3.47557+	2	5713	3	6226
4.33098+	1	3.53883+	2	4.33457+	1	3.76693+	2	4.33733+	1	3.88045+	2	5713	3	6227
4.33980+	1	3.93154+	2	4.34227+	1	3.93415+	2	4.34503+	1	3.88290+	2	5713	3	6228
4.34860+	1	3.74407+	2	4.34862+	1	3.74346+	2	4.35942+	1	3.18112+	2	5713	3	6229
4.36483+	1	2.95919+	2	4.36690+	1	2.92360+	2	4.37026+	1	2.84159+	2	5713	3	6230
4.38060+	1	2.92455+	2	4.38113+	1	2.93674+	2	4.38474+	1	3.06311+	2	5713	3	6231
4.38751+	1	3.15440+	2	4.39000+	1	3.22240+	2	4.39249+	1	3.27405+	2	5713	3	6232
4.39350+	1	3.28976+	2	4.39451+	1	3.30225+	2	4.39700+	1	3.31905+	2	5713	3	6233
4.39949+	1	3.31691+	2	4.40227+	1	3.29511+	2	4.40340+	1	3.27944+	2	5713	3	6234
4.40588+	1	3.22260+	2	4.41675+	1	2.99509+	2	4.41710+	1	2.99845+	2	5713	3	6235
4.42484+	1	3.01658+	2	4.42839+	1	3.13297+	2	4.43196+	1	3.32013+	2	5713	3	6236
4.44000+	1	3.95066+	2	4.44611+	1	3.95939+	2	4.45106+	1	4.97875+	2	5713	3	6237
4.45470+	1	5.24004+	2	4.45749+	1	5.38967+	2	4.46000+	1	5.47985+	2	5713	3	6238
4.46251+	1	5.52600+	2	4.46290+	1	5.52587+	2	4.46530+	1	5.52900+	2	5713	3	6239
4.46894+	1	5.45500+	2	4.47134+	1	5.36339+	2	4.47635+	1	5.08517+	2	5713	3	6240
4.48394+	1	4.53167+	2	4.48570+	1	4.39453+	2	4.48977+	1	4.08238+	2	5713	3	6241
4.49500+	1	3.69764+	2	4.50023+	1	3.33874+	2	4.50606+	1	2.96872+	2	5713	3	6242
4.50860+	1	2.82151+	2	4.51365+	1	2.51563+	2	4.53140+	1	1.71291+	2	5713	3	6243
4.53649+	1	1.49392+	2	4.55154+	1	1.30218+	2	4.55430+	1	1.31550+	2	5713	3	6244
4.55884+	1	1.33370+	2	4.56994+	1	1.41947+	2	4.57363+	1	1.43198+	2	5713	3	6245
4.57646+	1	1.42961+	2	4.57710+	1	1.42648+	2	4.57900+	1	1.41664+	2	5713	3	6246
4.58154+	1	1.39325+	2	4.58437+	1	1.35528+	2	4.58806+	1	1.28904+	2	5713	3	6247
4.59916+	1	1.02421+	2	4.60000+	1	1.00511+	2	4.60741+	1	8.41828+	1	5713	3	6248
4.61810+	1	7.37186+	1	4.61813+	1	7.36942+	1	4.62873+	1	8.79188+	1	5713	3	6249
4.63630+	1	1.21269+	2	4.63944+	1	1.35746+	2	4.65028+	1	2.34401+	2	5713	3	6250
4.65440+	1	2.90063+	2	4.65863+	1	3.44108+	2	4.66984+	1	5.15467+	2	5713	3	6251
4.67260+	1	5.55893+	2	4.67357+	1	5.70332+	2	4.67643+	1	6.09304+	2	5713	3	6252
4.67900+	1	6.40282+	2	4.68157+	1	6.66664+	2	4.68443+	1	6.89782+	2	5713	3	6253
4.68816+	1	7.08557+	2	4.69004+	1	7.12818+	2	4.69192+	1	7.13457+	2	5713	3	6254
4.69565+	1	7.03909+	2	4.69853+	1	6.87049+	2	4.70110+	1	6.65391+	2	5713	3	6255
4.70367+	1	6.38156+	2	4.70655+	1	6.02114+	2	4.71028+	1	5.48381+	2	5713	3	6256
4.72152+	1	3.69910+	2	4.72700+	1	2.94773+	2	4.72989+	1	2.55939+	2	5713	3	6257
4.74075+	1	1.65552+	2	4.74510+	1	1.53486+	2	4.74881+	1	1.44896+	2	5713	3	6258
4.75695+	1	1.64069+	2	4.76330+	1	2.14251+	2	4.76792+	1	2.48863+	2	5713	3	6259
4.77410+	1	3.25074+	2	4.77637+	1	3.49196+	2	4.78773+	1	4.86009+	2	5713	3	6260
4.78870+	1	4.95776+	2	4.79150+	1	5.26653+	2	4.79440+	1	5.53347+	2	5713	3	6261
4.79590+	1	5.64514+	2	4.79700+	1	5.71764+	2	4.79960+	1	5.84391+	2	5713	3	6262
4.80250+	1	5.92996+	2	4.80627+	1	5.96016+	2	4.80680+	1	5.94854+	2	5713	3	6263
4.81347+	1	5.88257+	2	4.81770+	1	5.72027+	2	4.82070+	1	5.64188+	2	5713	3	6264
4.82448+	1	5.48771+	2	4.82739+	1	5.35048+	2	4.82860+	1	5.28875+	2	5713	3	6265
4.83000+	1	5.20021+	2	4.83261+	1	5.02885+	2	4.83552+	1	4.83496+	2	5713	3	6266
4.83930+	1	4.58946+	2	4.83950+	1	4.58023+	2	4.85070+	1	4.22733+	2	5713	3	6267

4.85400+	1	4.23193+	2	4.85494+	1	4.22358+	2	4.85919+	1	4.27143+	2	5713	3	6268
4.86120+	1	4.33841+	2	4.86850+	1	4.51732+	2	4.87065+	1	4.53516+	2	5713	3	6269
4.87445+	1	4.55476+	2	4.87738+	1	4.53435+	2	4.88000+	1	4.48365+	2	5713	3	6270
4.88262+	1	4.39747+	2	4.88555+	1	4.25905+	2	4.88660+	1	4.19283+	2	5713	3	6271
4.88935+	1	4.06760+	2	4.88999+	1	4.03312+	2	4.89063+	1	3.99730+	2	5713	3	6272
4.89340+	1	3.82781+	2	4.89444+	1	3.77393+	2	4.89737+	1	3.61337+	2	5713	3	6273
4.90000+	1	3.47665+	2	4.90110+	1	3.42682+	2	4.90263+	1	3.38430+	2	5713	3	6274
4.90556+	1	3.33511+	2	4.90937+	1	3.33738+	2	4.91200+	1	3.45788+	2	5713	3	6275
4.91930+	1	3.61945+	2	4.92085+	1	3.63754+	2	4.92086+	1	3.63774+	2	5713	3	6276
4.92086+	1	3.63795+	2	4.93239+	1	4.16361+	2	4.93380+	1	4.20075+	2	5713	3	6277
4.93622+	1	4.30736+	2	4.93916+	1	4.37616+	2	4.94180+	1	4.38445+	2	5713	3	6278
4.94444+	1	4.33936+	2	4.94738+	1	4.22701+	2	4.95121+	1	3.99322+	2	5713	3	6279
4.95560+	1	3.59930+	2	4.96274+	1	2.99013+	2	4.96640+	1	2.71329+	2	5713	3	6280
4.97132+	1	2.27388+	2	4.97618+	1	1.99069+	2	4.97730+	1	1.95658+	2	5713	3	6281
4.98108+	1	1.80933+	2	4.98971+	1	1.78399+	2	4.99550+	1	1.99098+	2	5713	3	6282
5.00132+	1	2.24744+	2	5.00518+	1	2.48770+	2	5.00814+	1	2.68954+	2	5713	3	6283
5.01080+	1	2.88206+	2	5.01346+	1	3.08528+	2	5.01642+	1	3.32441+	2	5713	3	6284
5.01720+	1	3.39073+	2	5.02028+	1	3.65978+	2	5.02867+	1	4.42719+	2	5713	3	6285
5.03709+	1	5.10274+	2	5.04096+	1	5.31558+	2	5.04393+	1	5.41842+	2	5713	3	6286
5.04660+	1	5.46042+	2	5.04927+	1	5.45982+	2	5.05224+	1	5.40023+	2	5713	3	6287
5.05611+	1	5.25007+	2	5.06082+	1	4.99492+	2	5.06651+	1	4.67258+	2	5713	3	6288
5.07118+	1	4.48525+	2	5.07478+	1	4.43779+	2	5.07800+	1	4.49273+	2	5713	3	6289
5.08122+	1	4.65754+	2	5.08482+	1	4.98566+	2	5.08949+	1	5.65450+	2	5713	3	6290
5.10357+	1	9.12907+	2	5.10461+	1	9.43925+	2	5.10547+	1	9.69931+	2	5713	3	6291
5.11721+	1	1.28974+	3	5.12111+	1	1.35957+	3	5.12411+	1	1.39388+	3	5713	3	6292
5.12680+	1	1.40887+	3	5.12949+	1	1.40851+	3	5.13249+	1	1.39065+	3	5713	3	6293
5.13639+	1	1.34219+	3	5.14487+	1	1.16524+	3	5.15338+	1	9.50051+	2	5713	3	6294
5.15729+	1	8.57151+	2	5.16030+	1	7.92417+	2	5.16300+	1	7.40582+	2	5713	3	6295
5.16570+	1	6.95219+	2	5.16871+	1	6.52688+	2	5.17262+	1	6.10551+	2	5713	3	6296
5.18050+	1	5.84620+	2	5.18440+	1	5.71635+	2	5.18852+	1	5.86284+	2	5713	3	6297
5.19395+	1	6.23065+	2	5.20945+	1	7.70831+	2	5.21459+	1	8.06321+	2	5713	3	6298
5.21855+	1	8.20638+	2	5.22210+	1	8.21965+	2	5.22565+	1	8.11739+	2	5713	3	6299
5.22961+	1	7.86919+	2	5.23475+	1	7.35770+	2	5.25025+	1	5.09752+	2	5713	3	6300
5.25310+	1	4.69547+	2	5.26179+	1	3.49807+	2	5.27120+	1	2.64968+	2	5713	3	6301
5.27676+	1	2.13212+	2	5.29072+	1	1.53709+	2	5.30152+	1	1.45169+	2	5713	3	6302
5.31310+	1	1.68874+	2	5.32203+	1	2.04811+	2	5.32560+	1	2.19296+	2	5713	3	6303
5.33401+	1	2.53414+	2	5.33799+	1	2.63219+	2	5.34106+	1	2.67196+	2	5713	3	6304
5.34380+	1	2.67839+	2	5.34654+	1	2.68356+	2	5.34961+	1	2.65699+	2	5713	3	6305
5.35359+	1	2.57696+	2	5.36190+	1	2.28629+	2	5.36557+	1	2.12653+	2	5713	3	6306
5.37450+	1	1.75957+	2	5.37839+	1	1.64539+	2	5.38000+	1	1.61257+	2	5713	3	6307
5.38231+	1	1.54633+	2	5.39128+	1	1.41249+	2	5.40000+	1	1.39698+	2	5713	3	6308
5.40335+	1	1.39804+	2	5.40736+	1	1.40283+	2	5.41044+	1	1.39974+	2	5713	3	6309
5.41320+	1	1.39017+	2	5.41596+	1	1.37351+	2	5.41810+	1	1.35482+	2	5713	3	6310
5.41904+	1	1.35123+	2	5.42305+	1	1.32840+	2	5.43512+	1	1.24209+	2	5713	3	6311
5.43630+	1	1.24836+	2	5.44409+	1	1.28959+	2	5.45440+	1	1.72393+	2	5713	3	6312
5.45575+	1	1.78083+	2	5.45960+	1	2.11971+	2	5.46349+	1	2.58034+	2	5713	3	6313
5.47260+	1	4.30923+	2	5.47524+	1	4.81015+	2	5.48430+	1	7.25499+	2	5713	3	6314
5.49070+	1	8.91605+	2	5.49647+	1	1.04117+	3	5.50051+	1	1.10944+	3	5713	3	6315
5.50362+	1	1.14229+	3	5.50640+	1	1.15535+	3	5.50880+	1	1.15312+	3	5713	3	6316
5.50918+	1	1.15277+	3	5.51229+	1	1.13211+	3	5.51633+	1	1.08047+	3	5713	3	6317
5.52700+	1	8.61909+	2	5.52850+	1	8.31107+	2	5.53756+	1	6.64348+	2	5713	3	6318
5.54506+	1	5.98662+	2	5.54510+	1	5.98746+	2	5.55262+	1	6.12210+	2	5713	3	6319
5.56174+	1	7.15432+	2	5.56330+	1	7.41032+	2	5.57400+	1	9.15067+	2	5713	3	6320
5.57807+	1	9.75086+	2	5.58120+	1	1.01469+	3	5.58140+	1	1.01682+	3	5713	3	6321
5.58400+	1	1.04477+	3	5.58680+	1	1.06913+	3	5.58993+	1	1.08974+	3	5713	3	6322
5.59400+	1	1.10758+	3	5.59549+	1	1.11236+	3	5.59698+	1	1.11650+	3	5713	3	6323
5.59950+	1	1.12287+	3	5.60105+	1	1.12985+	3	5.60419+	1	1.14585+	3	5713	3	6324
5.60700+	1	1.16422+	3	5.60981+	1	1.18847+	3	5.61295+	1	1.22454+	3	5713	3	6325
5.61702+	1	1.28821+	3	5.61770+	1	1.30440+	3	5.62836+	1	1.55868+	3	5713	3	6326
5.62860+	1	1.56484+	3	5.63580+	1	1.71516+	3	5.63974+	1	1.78925+	3	5713	3	6327
5.64310+	1	1.81760+	3	5.64383+	1	1.82735+	3	5.64698+	1	1.84272+	3	5713	3	6328
5.64980+	1	1.83407+	3	5.65262+	1	1.80325+	3	5.65577+	1	1.74311+	3	5713	3	6329
5.65986+	1	1.62793+	3	5.66490+	1	1.42214+	3	5.67219+	1	1.14239+	3	5713	3	6330
5.67940+	1	8.58260+	2	5.68136+	1	7.73312+	2	5.69020+	1	4.97629+	2	5713	3	6331
5.69327+	1	4.03754+	2	5.70994+	1	1.78146+	2	5.71200+	1	1.67075+	2	5713	3	6332
5.71453+	1	1.55045+	2	5.71917+	1	1.43182+	2	5.72650+	1	1.52295+	2	5713	3	6333
5.73603+	1	1.66001+	2	5.74808+	1	2.43094+	2	5.75735+	1	3.36455+	2	5713	3	6334
5.76280+	1	4.05657+	2	5.76982+	1	4.95882+	2	5.77396+	1	5.51472+	2	5713	3	6335
5.77715+	1	5.92848+	2	5.78000+	1	6.27903+	2	5.78100+	1	6.39282+	2	5713	3	6336
5.78285+	1	6.59563+	2	5.78604+	1	6.89942+	2	5.79018+	1	7.20751+	2	5713	3	6337

5.79299+	1	7.34964+	2	5.79580+	1	7.43095+	2	5.79910+	1	7.43108+	2	5713	3	6338
5.79995+	1	7.43611+	2	5.80314+	1	7.35606+	2	5.80600+	1	7.21423+	2	5713	3	6339
5.80886+	1	7.01249+	2	5.81205+	1	6.72825+	2	5.81620+	1	6.29367+	2	5713	3	6340
5.81720+	1	6.18984+	2	5.82870+	1	4.84836+	2	5.83170+	1	4.64665+	2	5713	3	6341
5.83662+	1	4.38859+	2	5.83900+	1	4.39602+	2	5.84458+	1	4.39490+	2	5713	3	6342
5.84990+	1	4.60227+	2	5.85710+	1	4.87655+	2	5.85715+	1	4.87856+	2	5713	3	6343
5.86132+	1	5.00736+	2	5.86453+	1	5.04862+	2	5.86740+	1	5.03424+	2	5713	3	6344
5.86800+	1	5.01979+	2	5.87027+	1	4.95791+	2	5.87348+	1	4.80495+	2	5713	3	6345
5.87765+	1	4.50959+	2	5.88250+	1	4.00364+	2	5.89022+	1	3.26680+	2	5713	3	6346
5.89956+	1	2.33824+	2	5.90070+	1	2.26156+	2	5.91160+	1	1.45648+	2	5713	3	6347
5.91170+	1	1.44889+	2	5.92145+	1	1.07011+	2	5.93129+	1	9.46761+	1	5713	3	6348
5.94354+	1	1.04145+	2	5.94420+	1	1.05575+	2	5.95297+	1	1.24510+	2	5713	3	6349
5.96240+	1	1.54769+	2	5.96565+	1	1.65202+	2	5.96986+	1	1.81657+	2	5713	3	6350
5.97310+	1	1.95281+	2	5.97600+	1	2.08211+	2	5.97890+	1	2.21820+	2	5713	3	6351
5.98050+	1	2.29702+	2	5.98214+	1	2.38013+	2	5.98635+	1	2.60415+	2	5713	3	6352
5.99736+	1	3.20915+	2	6.00841+	1	3.69173+	2	6.01264+	1	3.79272+	2	5713	3	6353
6.01589+	1	3.82783+	2	6.01880+	1	3.82564+	2	6.02171+	1	3.79155+	2	5713	3	6354
6.02496+	1	3.71816+	2	6.02919+	1	3.57359+	2	6.03490+	1	3.30258+	2	5713	3	6355
6.04191+	1	2.97014+	2	6.05116+	1	2.60372+	2	6.06047+	1	2.45535+	2	5713	3	6356
6.07326+	1	2.58002+	2	6.07751+	1	2.65785+	2	6.08077+	1	2.71442+	2	5713	3	6357
6.08370+	1	2.75821+	2	6.08663+	1	2.79193+	2	6.08930+	1	2.81058+	2	5713	3	6358
6.08989+	1	2.81473+	2	6.09414+	1	2.81767+	2	6.09833+	1	2.78935+	2	5713	3	6359
6.10253+	1	2.73047+	2	6.10679+	1	2.64149+	2	6.11007+	1	2.55695+	2	5713	3	6360
6.11300+	1	2.47044+	2	6.11593+	1	2.37620+	2	6.11921+	1	2.26415+	2	5713	3	6361
6.12347+	1	2.11242+	2	6.12560+	1	2.03640+	2	6.12892+	1	1.91791+	2	5713	3	6362
6.13854+	1	1.61051+	2	6.14605+	1	1.42727+	2	6.15183+	1	1.32496+	2	5713	3	6363
6.15700+	1	1.25895+	2	6.16190+	1	1.21443+	2	6.16217+	1	1.21196+	2	5713	3	6364
6.16795+	1	1.17588+	2	6.17350+	1	1.15085+	2	6.17905+	1	1.13191+	2	5713	3	6365
6.18483+	1	1.11526+	2	6.19000+	1	1.10230+	2	6.19517+	1	1.09146+	2	5713	3	6366
6.20095+	1	1.08262+	2	6.20846+	1	1.07709+	2	6.21676+	1	1.07828+	2	5713	3	6367
6.21810+	1	1.07881+	2	6.22398+	1	1.08111+	2	6.22900+	1	1.08055+	2	5713	3	6368
6.23050+	1	1.08037+	2	6.23551+	1	1.07548+	2	6.24000+	1	1.06629+	2	5713	3	6369
6.24449+	1	1.05304+	2	6.24950+	1	1.03460+	2	6.25440+	1	1.01472+	2	5713	3	6370
6.25602+	1	1.00816+	2	6.27260+	1	9.84406+	1	6.27565+	1	9.80035+	1	5713	3	6371
6.27727+	1	9.84758+	1	6.27835+	1	9.88643+	1	6.29137+	1	1.08295+	2	5713	3	6372
6.29570+	1	1.13025+	2	6.29902+	1	1.17305+	2	6.30200+	1	1.21495+	2	5713	3	6373
6.30498+	1	1.25996+	2	6.30830+	1	1.31361+	2	6.31263+	1	1.38829+	2	5713	3	6374
6.31698+	1	1.46854+	2	6.32135+	1	1.55353+	2	6.32568+	1	1.64086+	2	5713	3	6375
6.32901+	1	1.70951+	2	6.33200+	1	1.77140+	2	6.33499+	1	1.83295+	2	5713	3	6376
6.33832+	1	1.90089+	2	6.34265+	1	1.98486+	2	6.34421+	1	2.01354+	2	5713	3	6377
6.34738+	1	2.06846+	2	6.35617+	1	2.19052+	2	6.36294+	1	2.24798+	2	5713	3	6378
6.36900+	1	2.27476+	2	6.37410+	1	2.28737+	2	6.37506+	1	2.28975+	2	5713	3	6379
6.38183+	1	2.31770+	2	6.39062+	1	2.42985+	2	6.39230+	1	2.49247+	2	5713	3	6380
6.40320+	1	2.89870+	2	6.40976+	1	3.14320+	2	6.41410+	1	3.32012+	2	5713	3	6381
6.41926+	1	3.53067+	2	6.42363+	1	3.62540+	2	6.42490+	1	3.63201+	2	5713	3	6382
6.42699+	1	3.64291+	2	6.43000+	1	3.61230+	2	6.43220+	1	3.55675+	2	5713	3	6383
6.43301+	1	3.53631+	2	6.43637+	1	3.39938+	2	6.44074+	1	3.14803+	2	5713	3	6384
6.44310+	1	2.96065+	2	6.45389+	1	2.10605+	2	6.45400+	1	2.09721+	2	5713	3	6385
6.46367+	1	1.35382+	2	6.46490+	1	1.29094+	2	6.47210+	1	9.22477+	1	5713	3	6386
6.47637+	1	7.03750+	1	6.49020+	1	4.24702+	1	6.49416+	1	3.44843+	1	5713	3	6387
6.50457+	1	2.83952+	1	6.51510+	1	2.72619+	1	6.52650+	1	3.37112+	1	5713	3	6388
6.53309+	1	3.74385+	1	6.54470+	1	5.72488+	1	6.54594+	1	5.93626+	1	5713	3	6389
6.55584+	1	8.45631+	1	6.56280+	1	1.02250+	2	6.56914+	1	1.18358+	2	5713	3	6390
6.57356+	1	1.26150+	2	6.57696+	1	1.30264+	2	6.57730+	1	1.30511+	2	5713	3	6391
6.58000+	1	1.32460+	2	6.58304+	1	1.33274+	2	6.58644+	1	1.32710+	2	5713	3	6392
6.58820+	1	1.31697+	2	6.59086+	1	1.30164+	2	6.59910+	1	1.23745+	2	5713	3	6393
6.60416+	1	1.19802+	2	6.61000+	1	1.18819+	2	6.61003+	1	1.18814+	2	5713	3	6394
6.61593+	1	1.21540+	2	6.61720+	1	1.22828+	2	6.62929+	1	1.35068+	2	5713	3	6395
6.63373+	1	1.38155+	2	6.63540+	1	1.38519+	2	6.63714+	1	1.38899+	2	5713	3	6396
6.64020+	1	1.38065+	2	6.64326+	1	1.35679+	2	6.64630+	1	1.31657+	2	5713	3	6397
6.64667+	1	1.31166+	2	6.65111+	1	1.22608+	2	6.65710+	1	1.06101+	2	5713	3	6398
6.66447+	1	8.57890+	1	6.67442+	1	5.90287+	1	6.68232+	1	4.39331+	1	5713	3	6399
6.68250+	1	4.37348+	1	6.69027+	1	3.52879+	1	6.70027+	1	3.20020+	1	5713	3	6400
6.71372+	1	3.39576+	1	6.71819+	1	3.46551+	1	6.72162+	1	3.49034+	1	5713	3	6401
6.72470+	1	3.48459+	1	6.72778+	1	3.44970+	1	6.73121+	1	3.37594+	1	5713	3	6402
6.73568+	1	3.22729+	1	6.74913+	1	2.58289+	1	6.75913+	1	2.11489+	1	5713	3	6403
6.76240+	1	2.02601+	1	6.77212+	1	1.76132+	1	6.78050+	1	1.74202+	1	5713	3	6404
6.78409+	1	1.73375+	1	6.79616+	1	1.98892+	1	6.80926+	1	2.62647+	1	5713	3	6405
6.81680+	1	3.19539+	1	6.81936+	1	3.38845+	1	6.83292+	1	4.62087+	1	5713	3	6406
6.83743+	1	5.01144+	1	6.84090+	1	5.29508+	1	6.84400+	1	5.51686+	1	5713	3	6407

6.84710+	1	5.71131+	1	6.84850+	1	5.78949+	1	6.84989+	1	5.86222+	1	5713	3	6408
6.85300+	1	6.00594+	1	6.85611+	1	6.12886+	1	6.85957+	1	6.25156+	1	5713	3	6409
6.86408+	1	6.41384+	1	6.87766+	1	7.37993+	1	6.88776+	1	9.16043+	1	5713	3	6410
6.89104+	1	1.00012+	2	6.89435+	1	1.09733+	2	6.90450+	1	1.45541+	2	5713	3	6411
6.91816+	1	1.92452+	2	6.92269+	1	2.02776+	2	6.92618+	1	2.07844+	2	5713	3	6412
6.92930+	1	2.10040+	2	6.93242+	1	2.09965+	2	6.93591+	1	2.07281+	2	5713	3	6413
6.94000+	1	2.00824+	2	6.94044+	1	2.00559+	2	6.95410+	1	1.78270+	2	5713	3	6414
6.96190+	1	1.67663+	2	6.96425+	1	1.63177+	2	6.97744+	1	1.68159+	2	5713	3	6415
6.98000+	1	1.77476+	2	6.98463+	1	1.92378+	2	6.99187+	1	2.37672+	2	5713	3	6416
7.00000+	1	3.29977+	2	7.00517+	1	3.80126+	2	7.01541+	1	5.35187+	2	5713	3	6417
7.01810+	1	5.80756+	2	7.02917+	1	7.84555+	2	7.03374+	1	8.58556+	2	5713	3	6418
7.03630+	1	8.94484+	2	7.03725+	1	9.07810+	2	7.04040+	1	9.45049+	2	5713	3	6419
7.04355+	1	9.75041+	2	7.04706+	1	9.99425+	2	7.05163+	1	1.01639+	3	5713	3	6420
7.05440+	1	1.01516+	3	7.05768+	1	1.01358+	3	7.06374+	1	9.83942+	2	5713	3	6421
7.06832+	1	9.45791+	2	7.07184+	1	9.08330+	2	7.07260+	1	8.99003+	2	5713	3	6422
7.07500+	1	8.70063+	2	7.07816+	1	8.27695+	2	7.08168+	1	7.76240+	2	5713	3	6423
7.08626+	1	7.04511+	2	7.09070+	1	6.32587+	2	7.10005+	1	4.83177+	2	5713	3	6424
7.10880+	1	3.63807+	2	7.11032+	1	3.42956+	2	7.11787+	1	2.65176+	2	5713	3	6425
7.12547+	1	2.11167+	2	7.12700+	1	2.05235+	2	7.13579+	1	1.69557+	2	5713	3	6426
7.14967+	1	1.52172+	2	7.15428+	1	1.50834+	2	7.15600+	1	1.50632+	2	5713	3	6427
7.15782+	1	1.48946+	2	7.16100+	1	1.46339+	2	7.16418+	1	1.44070+	2	5713	3	6428
7.16772+	1	1.41900+	2	7.17233+	1	1.40935+	2	7.18140+	1	1.54216+	2	5713	3	6429
7.18621+	1	1.61981+	2	7.19230+	1	1.96784+	2	7.19653+	1	2.24224+	2	5713	3	6430
7.19950+	1	2.52535+	2	7.19989+	1	2.56430+	2	7.20327+	1	2.94874+	2	5713	3	6431
7.20680+	1	3.43233+	2	7.21040+	1	4.01356+	2	7.21366+	1	4.51643+	2	5713	3	6432
7.21770+	1	5.13246+	2	7.22761+	1	6.43154+	2	7.23220+	1	6.82268+	2	5713	3	6433
7.23224+	1	6.82622+	2	7.23581+	1	7.00285+	2	7.23900+	1	7.06347+	2	5713	3	6434
7.24219+	1	7.02905+	2	7.24576+	1	6.88126+	2	7.25030+	1	6.53984+	2	5713	3	6435
7.25039+	1	6.53537+	2	7.26375+	1	5.24337+	2	7.26850+	1	4.75825+	2	5713	3	6436
7.27210+	1	4.10124+	2	7.27846+	1	3.19109+	2	7.28300+	1	2.66976+	2	5713	3	6437
7.28356+	1	2.61248+	2	7.28748+	1	2.27076+	2	7.29020+	1	2.06653+	2	5713	3	6438
7.29100+	1	2.00778+	2	7.29452+	1	1.78460+	2	7.29750+	1	1.62212+	2	5713	3	6439
7.29844+	1	1.57416+	2	7.30354+	1	1.35911+	2	7.30840+	1	1.21636+	2	5713	3	6440
7.31891+	1	9.08698+	1	7.32650+	1	7.63883+	1	7.33035+	1	6.88766+	1	5713	3	6441
7.34519+	1	5.05860+	1	7.36280+	1	4.36780+	1	7.36597+	1	4.24344+	1	5713	3	6442
7.37604+	1	4.61543+	1	7.38100+	1	5.21372+	1	7.38532+	1	5.73488+	1	5713	3	6443
7.39910+	1	1.12339+	2	7.40447+	1	1.33962+	2	7.41815+	1	2.68443+	2	5713	3	6444
7.42868+	1	4.18160+	2	7.44260+	1	6.12148+	2	7.44284+	1	6.15921+	2	5713	3	6445
7.44754+	1	6.67947+	2	7.45116+	1	6.95980+	2	7.45440+	1	7.11319+	2	5713	3	6446
7.45710+	1	7.16247+	2	7.45764+	1	7.18612+	2	7.46126+	1	7.23913+	2	5713	3	6447
7.46596+	1	7.15876+	2	7.47890+	1	6.43211+	2	7.48012+	1	6.31055+	2	5713	3	6448
7.48250+	1	6.07247+	2	7.48563+	1	5.60968+	2	7.48620+	1	5.53682+	2	5713	3	6449
7.48980+	1	4.88868+	2	7.49117+	1	4.72918+	2	7.49340+	1	4.56969+	2	5713	3	6450
7.49710+	1	4.30819+	2	7.50430+	1	3.86983+	2	7.50539+	1	3.80721+	2	5713	3	6451
7.50790+	1	3.75948+	2	7.51011+	1	3.73061+	2	7.51375+	1	3.72580+	2	5713	3	6452
7.51700+	1	3.74402+	2	7.51880+	1	3.76182+	2	7.52025+	1	3.79646+	2	5713	3	6453
7.52389+	1	3.89103+	2	7.52861+	1	4.01237+	2	7.53553+	1	4.15184+	2	5713	3	6454
7.54246+	1	4.20209+	2	7.54420+	1	4.18863+	2	7.54720+	1	4.16694+	2	5713	3	6455
7.55084+	1	4.09589+	2	7.55410+	1	3.99809+	2	7.55736+	1	3.86766+	2	5713	3	6456
7.55870+	1	3.80170+	2	7.56100+	1	3.69125+	2	7.56574+	1	3.41572+	2	5713	3	6457
7.57999+	1	2.40269+	2	7.58050+	1	2.36752+	2	7.59060+	1	1.67602+	2	5713	3	6458
7.60230+	1	1.08763+	2	7.60436+	1	9.80574+	1	7.61431+	1	6.64712+	1	5713	3	6459
7.61680+	1	6.19539+	1	7.62433+	1	4.94202+	1	7.63821+	1	4.14809+	1	5713	3	6460
7.64890+	1	4.26896+	1	7.66327+	1	4.84249+	1	7.66804+	1	5.05290+	1	5713	3	6461
7.67171+	1	5.21112+	1	7.67480+	1	5.34511+	1	7.67500+	1	5.35223+	1	5713	3	6462
7.67829+	1	5.47744+	1	7.68196+	1	5.64045+	1	7.68673+	1	5.92277+	1	5713	3	6463
7.69660+	1	7.24221+	1	7.70110+	1	7.84306+	1	7.71110+	1	1.08060+	2	5713	3	6464
7.71179+	1	1.10094+	2	7.71201+	1	1.10939+	2	7.71224+	1	1.11795+	2	5713	3	6465
7.72298+	1	1.59595+	2	7.73741+	1	2.27178+	2	7.74221+	1	2.43940+	2	5713	3	6466
7.74590+	1	2.53551+	2	7.74920+	1	2.59549+	2	7.75250+	1	2.63138+	2	5713	3	6467
7.75619+	1	2.64597+	2	7.75620+	1	2.64596+	2	7.76099+	1	2.63430+	2	5713	3	6468
7.76190+	1	2.62967+	2	7.77542+	1	2.56134+	2	7.78039+	1	2.57917+	2	5713	3	6469
7.78537+	1	2.63181+	2	7.79987+	1	2.87839+	2	7.80468+	1	2.92818+	2	5713	3	6470
7.80838+	1	2.93419+	2	7.81170+	1	2.91003+	2	7.81502+	1	2.85525+	2	5713	3	6471
7.81872+	1	2.75740+	2	7.82353+	1	2.57605+	2	7.83000+	1	2.22710+	2	5713	3	6472
7.83630+	1	2.27215+	2	7.83803+	1	2.18684+	2	7.84881+	1	1.63793+	2	5713	3	6473
7.85440+	1	1.44218+	2	7.86281+	1	1.07269+	2	7.87260+	1	8.66772+	1	5713	3	6474
7.88241+	1	6.81312+	1	7.88907+	1	6.34980+	1	7.89070+	1	6.30600+	1	5713	3	6475
7.89578+	1	5.97706+	1	7.90880+	1	6.32102+	1	7.91558+	1	6.60820+	1	5713	3	6476
7.92700+	1	8.88326+	1	7.92972+	1	9.30236+	1	7.94061+	1	1.21727+	2	5713	3	6477
7.94510+	1	1.33378+	2	7.95525+	1	1.68756+	2	7.96011+	1	1.80681+	2	5713	3	6478
7.96385+	1	1.87122+	2	7.96720+	1	1.90715+	2	7.97055+	1	1.92276+	2	5713	3	6479

7.97429+	1	1.91818+	2	7.97915+	1	1.88432+	2	7.98140+	1	1.85967+	2	5713	3 6480
7.99379+	1	1.83787+	2	7.99950+	1	1.86857+	2	8.00138+	1	1.86140+	2	5713	3 6481
8.00680+	1	1.89027+	2	8.00900+	1	1.88177+	2	8.02370+	1	1.92923+	2	5713	3 6482
8.02490+	1	1.92838+	2	8.02858+	1	1.95957+	2	8.03234+	1	1.97025+	2	5713	3 6483
8.03570+	1	1.96041+	2	8.03906+	1	1.93057+	2	8.04282+	1	1.87419+	2	5713	3 6484
8.04670+	1	1.78777+	2	8.04770+	1	1.77172+	2	8.06240+	1	1.39233+	2	5713	3 6485
8.07334+	1	1.12641+	2	8.07570+	1	1.10890+	2	8.08660+	1	9.67197+	1	5713	3 6486
8.08754+	1	9.52097+	1	8.08937+	1	9.49464+	1	8.09121+	1	9.53471+	1	5713	3 6487
8.09750+	1	1.06469+	2	8.10551+	1	1.19073+	2	8.10840+	1	1.29110+	2	5713	3 6488
8.11652+	1	1.57111+	2	8.13132+	1	2.08846+	2	8.13380+	1	2.13823+	2	5713	3 6489
8.13623+	1	2.19804+	2	8.14001+	1	2.25052+	2	8.14340+	1	2.26356+	2	5713	3 6490
8.14679+	1	2.24351+	2	8.15057+	1	2.18303+	2	8.15190+	1	2.14696+	2	5713	3 6491
8.15548+	1	2.05006+	2	8.16280+	1	1.73729+	2	8.17028+	1	1.46952+	2	5713	3 6492
8.18100+	1	1.06192+	2	8.18129+	1	1.04905+	2	8.19559+	1	6.05551+	1	5713	3 6493
8.20000+	1	5.18038+	1	8.20001+	1	3.73188+	1	8.20008+	1	2.20618+	2	5713	3 6494
1.15690+	2	2.01563+	2	1.48550+	2	2.02319+	2	1.90740+	2	1.80057+	2	5713	3 6495
2.45000+	2	2.02537+	2	3.00000+	2	1.30349+	2	3.50000+	2	1.16868+	2	5713	3 6496
4.00000+	2	1.07012+	2	4.50000+	2	1.18315+	2	5.00000+	2	1.29169+	2	5713	3 6497
5.60000+	2	1.31091+	2	6.20000+	2	1.02039+	2	7.50000+	2	1.00702+	2	5713	3 6498
8.00000+	2	9.64921+	1	8.30000+	2	7.86830+	1	9.00000+	2	7.12857+	1	5713	3 6499
1.00000+	3	7.12651+	1	1.10000+	3	7.90404+	1	1.50000+	3	6.75260+	1	5713	3 6500
1.80000+	3	5.99789+	1	2.00000+	3	5.44169+	1	2.50000+	3	4.79816+	1	5713	3 6501
3.00000+	3	4.43356+	1	3.50000+	3	4.31119+	1	3.80000+	3	4.23731+	1	5713	3 6502
4.50000+	3	3.87415+	1	5.00000+	3	3.61989+	1	5.50000+	3	3.50236+	1	5713	3 6503
6.00000+	3	3.35857+	1	6.50000+	3	3.10361+	1	7.00000+	3	2.98543+	1	5713	3 6504
7.50000+	3	2.97024+	1	8.00000+	3	2.86926+	1	8.50000+	3	2.67667+	1	5713	3 6505
9.00000+	3	2.65549+	1	9.50000+	3	2.98168+	1	1.00000+	4	2.78698+	1	5713	3 6506
1.25000+	4	2.56668+	1	1.30000+	4	2.57751+	1	1.32000+	4	2.58187+	1	5713	3 6507
1.42000+	4	2.60363+	1	1.48000+	4	2.61669+	1	1.50000+	4	2.62104+	1	5713	3 6508
1.61000.	4	2.33324+	1	1.63000+	4	2.28091+	1	1.65000+	4	2.22858+	1	5713	3 6509
1.85000+	4	2.40829+	1	2.05000+	4	1.99748+	1	2.20000+	4	2.33153+	1	5713	3 6510
2.25000+	4	2.27130+	1	2.33000+	4	2.17494+	1	2.35000+	4	2.15084+	1	5713	3 6511
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2.50000+	4	2.11639+	1	2.50000+	4	1.95101+	1	2.53000+	4	1.94117+	1	5713	3 6513
2.57000+	4	1.85425+	1	2.62000+	4	1.99657+	1	2.65000+	4	1.88839+	1	5713	3 6514
2.72000+	4	1.92278+	1	2.75000+	4	2.00104+	1	2.83000+	4	2.00743+	1	5713	3 6515
2.88000+	4	2.17187+	1	2.93000+	4	1.81291+	1	2.98000+	4	1.92001+	1	5713	3 6516
3.00000+	4	1.92772+	1	3.11000+	4	1.96863+	1	3.13000+	4	2.09744+	1	5713	3 6517
3.18000+	4	1.91758+	1	3.21000+	4	1.92439+	1	3.25000+	4	1.83070+	1	5713	3 6518
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3.50000+	4	1.89559+	1	3.62000+	4	1.86339+	1	3.65000+	4	1.81234+	1	5713	3 6520
3.70000+	4	1.85394+	1	3.79000+	4	1.75834+	1	3.87000+	4	1.87826+	1	5713	3 6521
3.91000+	4	1.84861+	1	3.94000+	4	1.80487+	1	4.00000+	4	1.88993+	1	5713	3 6522
4.04000+	4	1.94573+	1	4.10000+	4	1.82936+	1	4.15000+	4	1.71327+	1	5713	3 6523
4.20000+	4	1.77646+	1	4.30000+	4	1.74505+	1	4.36000+	4	1.67887+	1	5713	3 6524
4.38000+	4	1.72134+	1	4.43000+	4	1.71282+	1	4.48000+	4	1.66129+	1	5713	3 6525
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4.60000+	4	1.67950+	1	4.62000+	4	1.72197+	1	4.65000+	4	1.73550+	1	5713	3 6527
4.68000+	4	1.61997+	1	4.73000+	4	1.71184+	1	4.76000+	4	1.66824+	1	5713	3 6528
4.82000+	4	1.68228+	1	4.84000+	4	1.72520+	1	4.88000+	4	1.73217+	1	5713	3 6529
4.90000+	4	1.71056+	1	5.00000+	4	1.69811+	1	5.02000+	4	1.69571+	1	5713	3 6530
5.06000+	4	1.64546+	1	5.09000+	4	1.72429+	1	5.12000+	4	1.70991+	1	5713	3 6531
5.15000+	4	1.66684+	1	5.22000+	4	1.75279+	1	5.25000+	4	1.68106+	1	5713	3 6532
5.35000+	4	1.70903+	1	5.39000+	4	1.68006+	1	5.42000+	4	1.62967+	1	5713	3 6533
5.46000+	4	1.63657+	1	5.50000+	4	1.69366+	1	5.53000+	4	1.65755+	1	5713	3 6534
5.57000+	4	1.65004+	1	5.61000+	4	1.62819+	1	5.67000+	4	1.67789+	1	5713	3 6535
5.71000+	4	1.67756+	1	5.76000+	4	1.70570+	1	5.79000+	4	1.64768+	1	5713	3 6536
5.83000+	4	1.63246+	1	5.87000+	4	1.58857+	1	5.91000+	4	1.65941+	1	5713	3 6537
5.92000+	4	1.73807+	1	5.98000+	4	1.71528+	1	6.00000+	4	1.68324+	1	5713	3 6538
6.03000+	4	1.63524+	1	6.12000+	4	1.65453+	1	6.15000+	4	1.61077+	1	5713	3 6539
6.20000+	4	1.64542+	1	6.25000+	4	1.63705+	1	6.29000+	4	1.57232+	1	5713	3 6540
6.32000+	4	1.52197+	1	6.42000+	4	1.51432+	1	6.47000+	4	1.58578+	1	5713	3 6541
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6.80000+	4	1.56307+	1	6.83000+	4	1.59855+	1	6.89000+	4	1.56914+	1	5713	3 6544
6.94000+	4	1.61874+	1	7.00000+	4	1.59889+	1	7.03000+	4	1.58889+	1	5713	3 6545
7.09000+	4	1.60232+	1	7.20000+	4	1.56484+	1	7.25000+	4	1.52826+	1	5713	3 6546
7.31000+	4	1.53453+	1	7.37000+	4	1.49779+	1	7.41000+	4	1.51871+	1	5713	3 6547
7.48000+	4	1.57505+	1	7.50000+	4	1.56903+	1	7.53000+	4	1.55998+	1	5713	3 6548
7.58000+	4	1.58074+	1	7.65000+	4	1.58689+	1	7.70000+	4	1.51446+	1	5713	3 6549

7.76000+ 4	1.42054+ 1	7.84000+ 4	1.41340+ 1	7.89000+ 4	1.46361+ 1	5713	3	6550
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9.93000+ 4	1.48400+ 1	9.99000+ 4	1.46908+ 1	1.00000+ 5	1.40087+ 1	5713	3	6560
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8.80000+ 6	2.22337+ 1	9.00000+ 6	2.23266+ 1	9.20000+ 6	2.24195+ 1	5713	3	6612
9.40000+ 6	2.25123+ 1	9.50000+ 6	2.25588+ 1	9.60000+ 6	2.26052+ 1	5713	3	6613
9.80000+ 6	2.26981+ 1	1.00000+ 7	2.27910+ 1	1.05000+ 7	2.30232+ 1	5713	3	6614
1.10000+ 7	2.32553+ 1	1.15000+ 7	2.34875+ 1	1.19000+ 7	2.36733+ 1	5713	3	6615
1.20000+ 7	2.37197+ 1	1.25000+ 7	2.39519+ 1	1.30000+ 7	2.41841+ 1	5713	3	6616
1.35000+ 7	2.44163+ 1	1.40000+ 7	2.46485+ 1	1.45000+ 7	2.48807+ 1	5713	3	6617
1.50000+ 7	2.51427+ 1	0.00000+ 0	0.00000+ 0	0.00000+ 0	0.00000+ 0	5713	3	6618
						5713	0	6619
						57 0	0	6620

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                                                                     57 0   0 6623
 9.22350+ 4 2.33025+ 2          0          0          1          0  5715   3 6624
 1.00000+ 3 0.00000+ 0          0          1          1          2  5715   3 6625
          2          1          0          0          0          0  5715   3 6626
 1.00000- 5 1.00000+ 0 2.00000+ 7 1.00000+ 0 0.00000+ 0 0.00000+ 0  5715   3 6627
0.          0.                  0          0          1         50  5715   3 6628
         50          1          0          0          0          0  5715   3 6629
 0.          1.0000E-05          0          0          1         34  5715   3 6630
         34          1                                               5715   3 6631
 0.          1.4345E-07 1.0000E+04 1.8500E-07 3.0000E+04 2.3347E-07  5715   3 6632
4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07  5715   3 6633
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07  5715   3 6634
4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07  5715   3 6635
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07  5715   3 6636
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07  5715   3 6637
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07  5715   3 6638
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08  5715   3 6639
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08  5715   3 6640
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10  5715   3 6641
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12  5715   3 6642
1.2000E+07 1.0016E-12                                               5715   3 6643
 0.          1.3900E-04          0          0          1         34  5715   3 6644
         34          1                                               5715   3 6645
 0.          1.4345E-07 1.0000E+04 1.8500E-07 3.0000E+04 2.3347E-07  5715   3 6646
4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07  5715   3 6647
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07  5715   3 6648
4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07  5715   3 6649
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07  5715   3 6650
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07  5715   3 6651
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07  5715   3 6652
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08  5715   3 6653
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08  5715   3 6654
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10  5715   3 6655
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12  5715   3 6656
1.2000E+07 1.0016E-12                                               5715   3 6657
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4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07  5715   3 6661
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07  5715   3 6662
4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07  5715   3 6663
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07  5715   3 6664
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07  5715   3 6665
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07  5715   3 6666
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08  5715   3 6667
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08  5715   3 6668
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10  5715   3 6669
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12  5715   3 6670
1.2000E+07 1.0016E-12                                               5715   3 6671
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4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07  5715   3 6675
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07  5715   3 6676
4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07  5715   3 6677
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07  5715   3 6678
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07  5715   3 6679
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07  5715   3 6680
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08  5715   3 6681
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08  5715   3 6682
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10  5715   3 6683
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12  5715   3 6684
1.2000E+07 1.0016E-12                                               5715   3 6685
 0.          1.1300E+00          0          0          1         34  5715   3 6686
         34          1                                               5715   3 6687
 0.          1.4345E-07 1.0000E+04 1.8500E-07 3.0000E+04 2.3347E-07  5715   3 6688
4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07  5715   3 6689
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07  5715   3 6690
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4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07   5715   3 6691
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 6.0000E+05 4.7190E-07   5715   3 6692
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07   5715   3 6693
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07   5715   3 6694
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08   5715   3 6695
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08   5715   3 6696
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10   5715   3 6697
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12   5715   3 6698
1.2000E+07 1.0016E-12                                               5715   3 6699
0.         3.0600E+00         0          0          1          34   5715   3 6700
      34          1                                                 5715   3 6701
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4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07   5715   3 6703
1.5000E+05 6.9365E-07 2.2000E+05 5.3835E-07 3.0000E+05 7.1512E-07   5715   3 6704
4.0000E+05 6.6803E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07   5715   3 6705
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07   5715   3 6706
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07   5715   3 6707
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07   5715   3 6708
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08   5715   3 6709
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08   5715   3 6710
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10   5715   3 6711
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12   5715   3 6712
1.2000E+07 1.0016E-12                                               5715   3 6713
0.         8.3200E+00         0          0          1          34   5715   3 6714
      34          1                                                 5715   3 6715
0.         1.4345E-07 1.0000E+04 1.8500E-07 3.0000E+04 2.3347E-07   5715   3 6716
4.5000E+04 2.7781E-07 6.0000E+04 3.7631E-07 1.0000E+05 5.3463E-07   5715   3 6717
1.5000E+05 6.9365E-07 2.2000E+05 5.3836E-07 3.0000E+05 7.1512E-07   5715   3 6718
4.0000E+05 6.6804E-07 4.5000E+05 7.0818E-07 5.0000E+05 6.3243E-07   5715   3 6719
6.0000E+05 6.0507E-07 7.0000E+05 5.3275E-07 8.0000E+05 4.7190E-07   5715   3 6720
9.0000E+05 4.1175E-07 1.0000E+06 3.7076E-07 1.2500E+06 3.4648E-07   5715   3 6721
1.3300E+06 2.6849E-07 1.6600E+06 1.7886E-07 2.0000E+06 1.2791E-07   5715   3 6722
2.5000E+06 8.3977E-08 3.0000E+06 5.0817E-08 3.5000E+06 3.2961E-08   5715   3 6723
4.0000E+06 2.0727E-08 4.5000E+06 1.2090E-08 5.0000E+06 1.2738E-08   5715   3 6724
5.5000E+06 1.0453E-08 6.0000E+06 2.1463E-09 7.0000E+06 2.6619E-10   5715   3 6725
8.0000E+06 1.0016E-12 9.0000E+06 1.0016E-12 1.0000E+07 1.0016E-12   5715   3 6726
1.2000E+07 1.0016E-12                                               5715   3 6727
0.         2.2600E+01         0          0          1          34   5715   3 6728
      34          1                                                 5715   3 6729
0.         1.4616E-07 1.0000E+04 1.8317E-07 3.0000E+04 2.2635E-07   5715   3 6730
4.5000E+04 2.6666E-07 6.0000E+04 3.6088E-07 1.0000E+05 5.3354E-07   5715   3 6731
1.5000E+05 7.2622E-07 2.2000E+05 5.6141E-07 3.0000E+05 7.8880E-07   5715   3 6732
4.0000E+05 7.4162E-07 4.5000E+05 7.9284E-07 5.0000E+05 7.0711E-07   5715   3 6733
6.0000E+05 6.7625E-07 7.0000E+05 5.8886E-07 8.0000E+05 5.1183E-07   5715   3 6734
9.0000E+05 4.3046E-07 1.0000E+06 3.6799E-07 1.2500E+06 3.3355E-07   5715   3 6735
1.3300E+06 2.4940E-07 1.6600E+06 1.5817E-07 2.0000E+06 1.0947E-07   5715   3 6736
2.5000E+06 7.0692E-08 3.0000E+06 4.2162E-08 3.5000E+06 2.7034E-08   5715   3 6737
4.0000E+06 1.6822E-08 4.5000E+06 9.7066E-09 5.0000E+06 9.5559E-09   5715   3 6738
5.5000E+06 7.7192E-09 6.0000E+06 1.9042E-09 7.0000E+06 3.1416E-10   5715   3 6739
8.0000E+06 1.0014E-12 9.0000E+06 1.0014E-12 1.0000E+07 1.0014E-12   5715   3 6740
1.2000E+07 1.0014E-12                                               5715   3 6741
0.         3.7270E+01         0          0          1          34   5715   3 6742
      34          1                                                 5715   3 6743
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4.5000E+04 2.6200E-07 6.0000E+04 3.5444E-07 1.0000E+05 5.3308E-07   5715   3 6745
1.5000E+05 7.3982E-07 2.2000E+05 5.7103E-07 3.0000E+05 8.1955E-07   5715   3 6746
4.0000E+05 7.7235E-07 4.5000E+05 8.2818E-07 5.0000E+05 7.3828E-07   5715   3 6747
6.0000E+05 7.0597E-07 7.0000E+05 6.1228E-07 8.0000E+05 5.2850E-07   5715   3 6748
9.0000E+05 4.3827E-07 1.0000E+06 3.6684E-07 1.2500E+06 3.2815E-07   5715   3 6749
1.3300E+06 2.4144E-07 1.6600E+06 1.4953E-07 2.0000E+06 1.0177E-07   5715   3 6750
2.5000E+06 6.5146E-08 3.0000E+06 3.8549E-08 3.5000E+06 2.4560E-08   5715   3 6751
4.0000E+06 1.5192E-08 4.5000E+06 8.7116E-09 5.0000E+06 8.2274E-09   5715   3 6752
5.5000E+06 6.5777E-09 6.0000E+06 1.8032E-09 7.0000E+06 3.3419E-10   5715   3 6753
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6754
1.2000E+07 1.0013E-12                                               5715   3 6755
0.         6.1400E+01         0          0          1          34   5715   3 6756
      34          1                                                 5715   3 6757
0.         1.4667E-07 1.0000E+04 1.8283E-07 3.0000E+04 2.2502E-07   5715   3 6758
4.5000E+04 2.6457E-07 6.0000E+04 3.5800E-07 1.0000E+05 5.3333E-07   5715   3 6759
1.5000E+05 7.3231E-07 2.2000E+05 5.6572E-07 3.0000E+05 8.0257E-07   5715   3 6760
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9.0000E+05 4.3396E-07 1.0000E+06 3.6748E-07 1.2500E+06 3.3113E-07  5715   3 6763
1.3300E+06 2.4584E-07 1.6600E+06 1.5430E-07 2.0000E+06 1.0602E-07  5715   3 6764
2.5000E+06 6.8209E-08 3.0000E+06 4.0544E-08 3.5000E+06 2.5926E-08  5715   3 6765
4.0000E+06 1.6092E-08 4.5000E+06 9.2611E-09 5.0000E+06 8.9611E-09  5715   3 6766
5.5000E+06 7.2081E-09 6.0000E+06 1.8590E-09 7.0000E+06 3.2313E-10  5715   3 6767
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6768
1.2000E+07 1.0013E-12                                              5715   3 6769
0.         1.0100E+02          0           0           1          34  5715   3 6770
        34          1                                              5715   3 6771
0.         1.4606E-07 1.0000E+04 1.8324E-07 3.0000E+04 2.2662E-07  5715   3 6772
4.5000E+04 2.6707E-07 6.0000E+04 3.6145E-07 1.0000E+05 5.3358E-07  5715   3 6773
1.5000E+05 7.2501E-07 2.2000E+05 5.6056E-07 3.0000E+05 7.8607E-07  5715   3 6774
4.0000E+05 7.3890E-07 4.5000E+05 7.8970E-07 5.0000E+05 7.0434E-07  5715   3 6775
6.0000E+05 6.7362E-07 7.0000E+05 5.8678E-07 8.0000E+05 5.1035E-07  5715   3 6776
9.0000E+05 4.2977E-07 1.0000E+06 3.6810E-07 1.2500E+06 3.3403E-07  5715   3 6777
1.3300E+06 2.5011E-07 1.6600E+06 1.5893E-07 2.0000E+06 1.1015E-07  5715   3 6778
2.5000E+06 7.1184E-08 3.0000E+06 4.2483E-08 3.5000E+06 2.7254E-08  5715   3 6779
4.0000E+06 1.6967E-08 4.5000E+06 9.7949E-09 5.0000E+06 9.6738E-09  5715   3 6780
5.5000E+06 7.8204E-09 6.0000E+06 1.9132E-09 7.0000E+06 3.1238E-10  5715   3 6781
8.0000E+06 1.0014E-12 9.0000E+06 1.0014E-12 1.0000E+07 1.0014E-12  5715   3 6782
1.2000E+07 1.0014E-12                                              5715   3 6783
0.         1.6700E+02          0           0           1          34  5715   3 6784
        34          1                                              5715   3 6785
0.         1.4677E-07 1.0000E+04 1.8276E-07 3.0000E+04 2.2475E-07  5715   3 6786
4.5000E+04 2.6415E-07 6.0000E+04 3.5741E-07 1.0000E+05 5.3329E-07  5715   3 6787
1.5000E+05 7.3355E-07 2.2000E+05 5.6659E-07 3.0000E+05 8.0536E-07  5715   3 6788
4.0000E+05 7.5817E-07 4.5000E+05 8.1188E-07 5.0000E+05 7.2390E-07  5715   3 6789
6.0000E+05 6.9226E-07 7.0000E+05 6.0148E-07 8.0000E+05 5.2081E-07  5715   3 6790
9.0000E+05 4.3467E-07 1.0000E+06 3.6737E-07 1.2500E+06 3.3064E-07  5715   3 6791
1.3300E+06 2.4511E-07 1.6600E+06 1.5351E-07 2.0000E+06 1.0532E-07  5715   3 6792
2.5000E+06 6.7704E-08 3.0000E+06 4.0216E-08 3.5000E+06 2.5701E-08  5715   3 6793
4.0000E+06 1.5944E-08 4.5000E+06 9.1706E-09 5.0000E+06 8.8402E-09  5715   3 6794
5.5000E+06 7.1043E-09 6.0000E+06 1.8498E-09 7.0000E+06 3.2495E-10  5715   3 6795
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6796
1.2000E+07 1.0013E-12                                              5715   3 6797
0.         2.7500E+02          0           0           1          34  5715   3 6798
        34          1                                              5715   3 6799
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4.5000E+04 2.6221E-07 6.0000E+04 3.5473E-07 1.0000E+05 5.3310E-07  5715   3 6801
1.5000E+05 7.3920E-07 2.2000E+05 5.7060E-07 3.0000E+05 8.1815E-07  5715   3 6802
4.0000E+05 7.7095E-07 4.5000E+05 8.2657E-07 5.0000E+05 7.3686E-07  5715   3 6803
6.0000E+05 7.0462E-07 7.0000E+05 6.1121E-07 8.0000E+05 5.2774E-07  5715   3 6804
9.0000E+05 4.3792E-07 1.0000E+06 3.6689E-07 1.2500E+06 3.2839E-07  5715   3 6805
1.3300E+06 2.4180E-07 1.6600E+06 1.4992E-07 2.0000E+06 1.0212E-07  5715   3 6806
2.5000E+06 6.5399E-08 3.0000E+06 3.8714E-08 3.5000E+06 2.4673E-08  5715   3 6807
4.0000E+06 1.5266E-08 4.5000E+06 8.7569E-09 5.0000E+06 8.2879E-09  5715   3 6808
5.5000E+06 6.6298E-09 6.0000E+06 1.8078E-09 7.0000E+06 3.3327E-10  5715   3 6809
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6810
1.2000E+07 1.0013E-12                                              5715   3 6811
0.         4.5400E+02          0           0           1          34  5715   3 6812
        34          1                                              5715   3 6813
0.         1.4740E-07 1.0000E+04 1.8233E-07 3.0000E+04 2.2309E-07  5715   3 6814
4.5000E+04 2.6154E-07 6.0000E+04 3.5381E-07 1.0000E+05 5.3303E-07  5715   3 6815
1.5000E+05 7.4115E-07 2.2000E+05 5.7198E-07 3.0000E+05 8.2256E-07  5715   3 6816
4.0000E+05 7.7535E-07 4.5000E+05 8.3164E-07 5.0000E+05 7.4133E-07  5715   3 6817
6.0000E+05 7.0888E-07 7.0000E+05 6.1457E-07 8.0000E+05 5.3013E-07  5715   3 6818
9.0000E+05 4.3904E-07 1.0000E+06 3.6673E-07 1.2500E+06 3.2762E-07  5715   3 6819
1.3300E+06 2.4066E-07 1.6600E+06 1.4868E-07 2.0000E+06 1.0102E-07  5715   3 6820
2.5000E+06 6.4603E-08 3.0000E+06 3.8195E-08 3.5000E+06 2.4318E-08  5715   3 6821
4.0000E+06 1.5032E-08 4.5000E+06 8.6141E-09 5.0000E+06 8.0973E-09  5715   3 6822
5.5000E+06 6.4660E-09 6.0000E+06 1.7933E-09 7.0000E+06 3.3615E-10  5715   3 6823
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6824
1.2000E+07 1.0013E-12                                              5715   3 6825
0.         7.4900E+02          0           0           1          34  5715   3 6826
        34          1                                              5715   3 6827
0.         1.4657E-07 1.0000E+04 1.8290E-07 3.0000E+04 2.2528E-07  5715   3 6828
4.5000E+04 2.6498E-07 6.0000E+04 3.5857E-07 1.0000E+05 5.3337E-07  5715   3 6829
1.5000E+05 7.3111E-07 2.2000E+05 5.6487E-07 3.0000E+05 7.9985E-07  5715   3 6830
4.0000E+05 7.5267E-07 4.5000E+05 8.0554E-07 5.0000E+05 7.1831E-07  5715   3 6831
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6.0000E+05 6.8694E-07 7.0000E+05 5.9728E-07 8.0000E+05 5.1782E-07   5715   3 6832
9.0000E+05 4.3327E-07 1.0000E+06 3.6758E-07 1.2500E+06 3.3161E-07   5715   3 6833
1.3300E+06 2.4654E-07 1.6600E+06 1.5506E-07 2.0000E+06 1.0670E-07   5715   3 6834
2.5000E+06 6.8699E-08 3.0000E+06 4.0863E-08 3.5000E+06 2.6145E-08   5715   3 6835
4.0000E+06 1.6236E-08 4.5000E+06 9.3490E-09 5.0000E+06 9.0784E-09   5715   3 6836
5.5000E+06 7.3089E-09 6.0000E+06 1.8679E-09 7.0000E+06 3.2136E-10   5715   3 6837
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6838
1.2000E+07 1.0013E-12                                               5715   3 6839
0.         1.2340E+03          0           0           1          34 5715   3 6840
      34           1                                                 5715   3 6841
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4.5000E+04 2.6312E-07 6.0000E+04 3.5599E-07 1.0000E+05 5.3319E-07   5715   3 6843
1.5000E+05 7.3655E-07 2.2000E+05 5.6872E-07 3.0000E+05 8.1216E-07   5715   3 6844
4.0000E+05 7.6496E-07 4.5000E+05 8.1968E-07 5.0000E+05 7.3078E-07   5715   3 6845
6.0000E+05 6.9882E-07 7.0000E+05 6.0665E-07 8.0000E+05 5.2449E-07   5715   3 6846
9.0000E+05 4.3639E-07 1.0000E+06 3.6712E-07 1.2500E+06 3.2945E-07   5715   3 6847
1.3300E+06 2.4335E-07 1.6600E+06 1.5160E-07 2.0000E+06 1.0362E-07   5715   3 6848
2.5000E+06 6.6480E-08 3.0000E+06 3.9418E-08 3.5000E+06 2.5155E-08   5715   3 6849
4.0000E+06 1.5584E-08 4.5000E+06 8.9509E-09 5.0000E+06 8.5469E-09   5715   3 6850
5.5000E+06 6.8522E-09 6.0000E+06 1.8275E-09 7.0000E+06 3.2937E-10   5715   3 6851
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6852
1.2000E+07 1.0013E-12                                               5715   3 6853
0.         1.5850E+03          0           0           1          34 5715   3 6854
      34           1                                                 5715   3 6855
0.         1.4735E-07 1.0000E+04 1.8237E-07 3.0000E+04 2.2322E-07   5715   3 6856
4.5000E+04 2.6176E-07 6.0000E+04 3.5410E-07 1.0000E+05 5.3305E-07   5715   3 6857
1.5000E+05 7.4052E-07 2.2000E+05 5.7153E-07 3.0000E+05 8.2115E-07   5715   3 6858
4.0000E+05 7.7394E-07 4.5000E+05 8.3002E-07 5.0000E+05 7.3990E-07   5715   3 6859
6.0000E+05 7.0751E-07 7.0000E+05 6.1350E-07 8.0000E+05 5.2936E-07   5715   3 6860
9.0000E+05 4.3868E-07 1.0000E+06 3.6678E-07 1.2500E+06 3.2787E-07   5715   3 6861
1.3300E+06 2.4102E-07 1.6600E+06 1.4908E-07 2.0000E+06 1.0137E-07   5715   3 6862
2.5000E+06 6.4858E-08 3.0000E+06 3.8361E-08 3.5000E+06 2.4431E-08   5715   3 6863
4.0000E+06 1.5107E-08 4.5000E+06 8.6599E-09 5.0000E+06 8.1584E-09   5715   3 6864
5.5000E+06 6.5185E-09 6.0000E+06 1.7980E-09 7.0000E+06 3.3523E-10   5715   3 6865
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6866
1.2000E+07 1.0013E-12                                               5715   3 6867
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      34           1                                                 5715   3 6869
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4.5000E+04 2.6085E-07 6.0000E+04 3.5285E-07 1.0000E+05 5.3296E-07   5715   3 6871
1.5000E+05 7.4317E-07 2.2000E+05 5.7341E-07 3.0000E+05 8.2713E-07   5715   3 6872
4.0000E+05 7.7992E-07 4.5000E+05 8.3689E-07 5.0000E+05 7.4596E-07   5715   3 6873
6.0000E+05 7.1329E-07 7.0000E+05 6.1805E-07 8.0000E+05 5.3260E-07   5715   3 6874
9.0000E+05 4.4020E-07 1.0000E+06 3.6655E-07 1.2500E+06 3.2682E-07   5715   3 6875
1.3300E+06 2.3947E-07 1.6600E+06 1.4740E-07 2.0000E+06 9.9874E-08   5715   3 6876
2.5000E+06 6.3779E-08 3.0000E+06 3.7659E-08 3.5000E+06 2.3950E-08   5715   3 6877
4.0000E+06 1.4790E-08 4.5000E+06 8.4664E-09 5.0000E+06 7.9000E-09   5715   3 6878
5.5000E+06 6.2965E-09 6.0000E+06 1.7783E-09 7.0000E+06 3.3912E-10   5715   3 6879
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6880
1.2000E+07 1.0013E-12                                               5715   3 6881
0.         2.6100E+03          0           0           1          34 5715   3 6882
      34           1                                                 5715   3 6883
0.         1.4766E-07 1.0000E+04 1.8216E-07 3.0000E+04 2.2242E-07   5715   3 6884
4.5000E+04 2.6050E-07 6.0000E+04 3.5236E-07 1.0000E+05 5.3293E-07   5715   3 6885
1.5000E+05 7.4420E-07 2.2000E+05 5.7413E-07 3.0000E+05 8.2945E-07   5715   3 6886
4.0000E+05 7.8223E-07 4.5000E+05 8.3956E-07 5.0000E+05 7.4832E-07   5715   3 6887
6.0000E+05 7.1553E-07 7.0000E+05 6.1982E-07 8.0000E+05 5.3386E-07   5715   3 6888
9.0000E+05 4.4079E-07 1.0000E+06 3.6647E-07 1.2500E+06 3.2641E-07   5715   3 6889
1.3300E+06 2.3887E-07 1.6600E+06 1.4675E-07 2.0000E+06 9.9293E-08   5715   3 6890
2.5000E+06 6.3361E-08 3.0000E+06 3.7386E-08 3.5000E+06 2.3764E-08   5715   3 6891
4.0000E+06 1.4667E-08 4.5000E+06 8.3913E-09 5.0000E+06 7.7998E-09   5715   3 6892
5.5000E+06 6.2104E-09 6.0000E+06 1.7707E-09 7.0000E+06 3.4063E-10   5715   3 6893
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12   5715   3 6894
1.2000E+07 1.0013E-12                                               5715   3 6895
0.         3.3500E+03          0           0           1          34 5715   3 6896
      34           1                                                 5715   3 6897
0.         1.4766E-07 1.0000E+04 1.8216E-07 3.0000E+04 2.2242E-07   5715   3 6898
4.5000E+04 2.6050E-07 6.0000E+04 3.5236E-07 1.0000E+05 5.3293E-07   5715   3 6899
1.5000E+05 7.4421E-07 2.2000E+05 5.7414E-07 3.0000E+05 8.2948E-07   5715   3 6900
4.0000E+05 7.8226E-07 4.5000E+05 8.3959E-07 5.0000E+05 7.4834E-07   5715   3 6901
6.0000E+05 7.1556E-07 7.0000E+05 6.1984E-07 8.0000E+05 5.3388E-07   5715   3 6902
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9.0000E+05 4.4079E-07 1.0000E+06 3.6647E-07 1.2500E+06 3.2641E-07  5715   3 6903
1.3300E+06 2.3886E-07 1.6600E+06 1.4674E-07 2.0000E+06 9.9286E-08  5715   3 6904
2.5000E+06 6.3356E-08 3.0000E+06 3.7383E-08 3.5000E+06 2.3761E-08  5715   3 6905
4.0000E+06 1.4666E-08 4.5000E+06 8.3904E-09 5.0000E+06 7.7986E-09  5715   3 6906
5.5000E+06 6.2094E-09 6.0000E+06 1.7706E-09 7.0000E+06 3.4065E-10  5715   3 6907
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6908
1.2000E+07 1.0013E-12                                              5715   3 6909
0.         4.3100E+03          0          0          1         34  5715   3 6910
      34          1                                                5715   3 6911
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4.5000E+04 2.6048E-07 6.0000E+04 3.5234E-07 1.0000E+05 5.3293E-07  5715   3 6913
1.5000E+05 7.4424E-07 2.2000E+05 5.7416E-07 3.0000E+05 8.2956E-07  5715   3 6914
4.0000E+05 7.8234E-07 4.5000E+05 8.3968E-07 5.0000E+05 7.4842E-07  5715   3 6915
6.0000E+05 7.1564E-07 7.0000E+05 6.1990E-07 8.0000E+05 5.3392E-07  5715   3 6916
9.0000E+05 4.4081E-07 1.0000E+06 3.6646E-07 1.2500E+06 3.2639E-07  5715   3 6917
1.3300E+06 2.3884E-07 1.6600E+06 1.4672E-07 2.0000E+06 9.9266E-08  5715   3 6918
2.5000E+06 6.3342E-08 3.0000E+06 3.7374E-08 3.5000E+06 2.3755E-08  5715   3 6919
4.0000E+06 1.4662E-08 4.5000E+06 8.3879E-09 5.0000E+06 7.7952E-09  5715   3 6920
5.5000E+06 6.2065E-09 6.0000E+06 1.7703E-09 7.0000E+06 3.4070E-10  5715   3 6921
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6922
1.2000E+07 1.0013E-12                                              5715   3 6923
0.         5.5300E+03          0          0          1         34  5715   3 6924
      34          1                                                5715   3 6925
0.         1.4767E-07 1.0000E+04 1.8216E-07 3.0000E+04 2.2239E-07  5715   3 6926
4.5000E+04 2.6046E-07 6.0000E+04 3.5231E-07 1.0000E+05 5.3293E-07  5715   3 6927
1.5000E+05 7.4432E-07 2.2000E+05 5.7422E-07 3.0000E+05 8.2973E-07  5715   3 6928
4.0000E+05 7.8252E-07 4.5000E+05 8.3988E-07 5.0000E+05 7.4860E-07  5715   3 6929
6.0000E+05 7.1581E-07 7.0000E+05 6.2003E-07 8.0000E+05 5.3401E-07  5715   3 6930
9.0000E+05 4.4086E-07 1.0000E+06 3.6646E-07 1.2500E+06 3.2636E-07  5715   3 6931
1.3300E+06 2.3880E-07 1.6600E+06 1.4667E-07 2.0000E+06 9.9222E-08  5715   3 6932
2.5000E+06 6.3310E-08 3.0000E+06 3.7353E-08 3.5000E+06 2.3741E-08  5715   3 6933
4.0000E+06 1.4652E-08 4.5000E+06 8.3822E-09 5.0000E+06 7.7876E-09  5715   3 6934
5.5000E+06 6.1999E-09 6.0000E+06 1.7698E-09 7.0000E+06 3.4082E-10  5715   3 6935
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6936
1.2000E+07 1.0013E-12                                              5715   3 6937
0.         7.1000E+03          0          0          1         34  5715   3 6938
      34          1                                                5715   3 6939
0.         1.4766E-07 1.0000E+04 1.8216E-07 3.0000E+04 2.2240E-07  5715   3 6940
4.5000E+04 2.6047E-07 6.0000E+04 3.5233E-07 1.0000E+05 5.3293E-07  5715   3 6941
1.5000E+05 7.4427E-07 2.2000E+05 5.7418E-07 3.0000E+05 8.2962E-07  5715   3 6942
4.0000E+05 7.8240E-07 4.5000E+05 8.3975E-07 5.0000E+05 7.4849E-07  5715   3 6943
6.0000E+05 7.1570E-07 7.0000E+05 6.1995E-07 8.0000E+05 5.3395E-07  5715   3 6944
9.0000E+05 4.4083E-07 1.0000E+06 3.6646E-07 1.2500E+06 3.2638E-07  5715   3 6945
1.3300E+06 2.3883E-07 1.6600E+06 1.4670E-07 2.0000E+06 9.9250E-08  5715   3 6946
2.5000E+06 6.3330E-08 3.0000E+06 3.7366E-08 3.5000E+06 2.3750E-08  5715   3 6947
4.0000E+06 1.4658E-08 4.5000E+06 8.3858E-09 5.0000E+06 7.7925E-09  5715   3 6948
5.5000E+06 6.2041E-09 6.0000E+06 1.7701E-09 7.0000E+06 3.4074E-10  5715   3 6949
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6950
1.2000E+07 1.0013E-12                                              5715   3 6951
0.         9.1200E+03          0          0          1         34  5715   3 6952
      34          1                                                5715   3 6953
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4.5000E+04 2.6071E-07 6.0000E+04 3.5266E-07 1.0000E+05 5.3295E-07  5715   3 6955
1.5000E+05 7.4357E-07 2.2000E+05 5.7369E-07 3.0000E+05 8.2804E-07  5715   3 6956
4.0000E+05 7.8082E-07 4.5000E+05 8.3793E-07 5.0000E+05 7.4688E-07  5715   3 6957
6.0000E+05 7.1417E-07 7.0000E+05 6.1874E-07 8.0000E+05 5.3309E-07  5715   3 6958
9.0000E+05 4.4043E-07 1.0000E+06 3.6652E-07 1.2500E+06 3.2666E-07  5715   3 6959
1.3300E+06 2.3924E-07 1.6600E+06 1.4714E-07 2.0000E+06 9.9647E-08  5715   3 6960
2.5000E+06 6.3616E-08 3.0000E+06 3.7552E-08 3.5000E+06 2.3878E-08  5715   3 6961
4.0000E+06 1.4742E-08 4.5000E+06 8.4371E-09 5.0000E+06 7.8609E-09  5715   3 6962
5.5000E+06 6.2629E-09 6.0000E+06 1.7753E-09 7.0000E+06 3.3971E-10  5715   3 6963
8.0000E+06 1.0013E-12 9.0000E+06 1.0013E-12 1.0000E+07 1.0013E-12  5715   3 6964
1.2000E+07 1.0013E-12                                              5715   3 6965
0.         1.1710E+04          0          0          1         34  5715   3 6966
      34          1                                                5715   3 6967
0.         1.4757E-07 1.0000E+04 1.8360E-07 3.0000E+04 2.2264E-07  5715   3 6968
4.5000E+04 2.6084E-07 6.0000E+04 3.5284E-07 1.0000E+05 5.3295E-07  5715   3 6969
1.5000E+05 7.4315E-07 2.2000E+05 5.7339E-07 3.0000E+05 8.2711E-07  5715   3 6970
4.0000E+05 7.7989E-07 4.5000E+05 8.3686E-07 5.0000E+05 7.4594E-07  5715   3 6971
6.0000E+05 7.1327E-07 7.0000E+05 6.1803E-07 8.0000E+05 5.3259E-07  5715   3 6972
9.0000E+05 4.4018E-07 1.0000E+06 3.6654E-07 1.2500E+06 3.2681E-07  5715   3 6973
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1.3300E+06 2.3947E-07 1.6600E+06 1.4739E-07 2.0000E+06 9.9871E-08  5715   3 6974
2.5000E+06 6.3778E-08 3.0000E+06 3.7658E-08 3.5000E+06 2.3950E-08  5715   3 6975
4.0000E+06 1.4790E-08 4.5000E+06 8.4663E-09 5.0000E+06 7.9000E-09  5715   3 6976
5.5000E+06 6.2965E-09 6.0000E+06 1.7783E-09 7.0000E+06 3.3912E-10  5715   3 6977
8.0000E+06 1.0012E-12 9.0000E+06 1.0012E-12 1.0000E+07 1.0012E-12  5715   3 6978
1.2000E+07 1.0012E-12                                              5715   3 6979
0.         1.5030E+04          0          0          1         34  5715   3 6980
      34          1                                                5715   3 6981
0.         1.4752E-07 1.0000E+04 1.9174E-07 3.0000E+04 2.2266E-07  5715   3 6982
4.5000E.04 2.6089E-07 6.0000E.04 3.5290E-07 1.0000E+05 5.3287E-07  5715   3 6983
1.5000E+05 7.4278E-07 2.2000E+05 5.7312E-07 3.0000E+05 8.2641E-07  5715   3 6984
4.0000E+05 7.7920E-07 4.5000E+05 8.3608E-07 5.0000E+05 7.4525E-07  5715   3 6985
6.0000E+05 7.1261E-07 7.0000E+05 6.1750E-07 8.0000E+05 5.3220E-07  5715   3 6986
9.0000E+05 4.3997E-07 1.0000E+06 3.6650E-07 1.2500E+06 3.2685E-07  5715   3 6987
1.3300E+06 2.3957E-07 1.6600E+06 1.4753E-07 2.0000E+06 9.9995E-08  5715   3 6988
2.5000E+06 6.3869E-08 3.0000E+06 3.7718E-08 3.5000E+06 2.3992E-08  5715   3 6989
4.0000E+06 1.4818E-08 4.5000E+06 8.4837E-09 5.0000E+06 7.9237E-09  5715   3 6990
5.5000E+06 6.3169E-09 6.0000E+06 1.7801E-09 7.0000E+06 3.3873E-10  5715   3 6991
8.0000E+06 1.0011E-12 9.0000E+06 1.0011E-12 1.0000E+07 1.0011E-12  5715   3 6992
1.2000E+07 1.0011E-12                                              5715   3 6993
0.         1.9310E+04          0          0          1         34  5715   3 6994
      34          1                                                5715   3 6995
0.         1.4747E-07 1.0000E+04 2.0471E-07 3.0000E+04 2.2262E-07  5715   3 6996
4.5000E+04 2.6085E-07 6.0000E+04 3.5286E-07 1.0000E+05 5.3273E-07  5715   3 6997
1.5000E+05 7.4247E-07 2.2000E+05 5.7289E-07 3.0000E+05 8.2594E-07  5715   3 6998
4.0000E+05 7.7875E-07 4.5000E+05 8.3557E-07 5.0000E+05 7.4480E-07  5715   3 6999
6.0000E+05 7.1218E-07 7.0000E+05 6.1715E-07 8.0000E+05 5.3192E-07  5715   3 7000
9.0000E+05 4.3979E-07 1.0000E+06 3.6642E-07 1.2500E+06 3.2681E-07  5715   3 7001
1.3300E+06 2.3957E-07 1.6600E+06 1.4756E-07 2.0000E+06 1.0003E-07  5715   3 7002
2.5000E+06 6.3898E-08 3.0000E+06 3.7739E-08 3.5000E+06 2.4007E-08  5715   3 7003
4.0000E+06 1.4828E-08 4.5000E+06 8.4905E-09 5.0000E+06 7.9336E-09  5715   3 7004
5.5000E+06 6.3255E-09 6.0000E+06 1.7809E-09 7.0000E+06 3.3852E-10  5715   3 7005
8.0000E+06 1.0008E-12 9.0000E+06 1.0008E-12 1.0000E+07 1.0008E-12  5715   3 7006
1.2000E+07 1.0008E-12                                              5715   3 7007
0.         2.4790E+04          0          0          1         34  5715   3 7008
      34          1                                                5715   3 7009
0.         1.4753E-07 1.0000E+04 2.2406E-07 3.0000E+04 2.2224E-07  5715   3 7010
4.5000E+04 2.6029E-07 6.0000E+04 3.5208E-07 1.0000E+05 5.3248E-07  5715   3 7011
1.5000E+05 7.4352E-07 2.2000E+05 5.7361E-07 3.0000E+05 8.2866E-07  5715   3 7012
4.0000E+05 7.8148E-07 4.5000E+05 8.3874E-07 5.0000E+05 7.4759E-07  5715   3 7013
6.0000E+05 7.1484E-07 7.0000E+05 6.1923E-07 8.0000E+05 5.3336E-07  5715   3 7014
9.0000E+05 4.4039E-07 1.0000E+06 3.6616E-07 1.2500E+06 3.2615E-07  5715   3 7015
1.3300E+06 2.3869E-07 1.6600E+06 1.4664E-07 2.0000E+06 9.9229E-08  5715   3 7016
2.5000E+06 6.3325E-08 3.0000E+06 3.7368E-08 3.5000E+06 2.3754E-08  5715   3 7017
4.0000E+06 1.4662E-08 4.5000E+06 8.3899E-09 5.0000E+06 7.8004E-09  5715   3 7018
5.5000E+06 6.2112E-09 6.0000E+06 1.7707E-09 7.0000E+06 3.4042E-10  5715   3 7019
8.0000E+06 1.0004E-12 9.0000E+06 1.0004E-12 1.0000E+07 1.0004E-12  5715   3 7020
1.2000E+07 1.0004E-12                                              5715   3 7021
0.         3.1830E+04          0          0          1         34  5715   3 7022
      34          1                                                5715   3 7023
0.         1.4749E-07 1.0000E+04 2.4963E-07 3.0000E+04 2.2202E-07  5715   3 7024
4.5000E+04 2.6000E-07 6.0000E+04 3.5168E-07 1.0000E+05 5.3218E-07  5715   3 7025
1.5000E+05 7.4359E-07 2.2000E+05 5.7364E-07 3.0000E+05 8.2926E-07  5715   3 7026
4.0000E+05 7.8210E-07 4.5000E+05 8.3948E-07 5.0000E+05 7.4824E-07  5715   3 7027
6.0000E+05 7.1546E-07 7.0000E+05 6.1969E-07 8.0000E+05 5.3364E-07  5715   3 7028
9.0000E+05 4.4042E-07 1.0000E+06 3.6593E-07 1.2500E+06 3.2580E-07  5715   3 7029
1.3300E+06 2.3830E-07 1.6600E+06 1.4628E-07 2.0000E+06 9.8921E-08  5715   3 7030
2.5000E+06 6.3109E-08 3.0000E+06 3.7230E-08 3.5000E+06 2.3661E-08  5715   3 7031
4.0000E+06 1.4602E-08 4.5000E+06 8.3538E-09 5.0000E+06 7.7539E-09  5715   3 7032
5.5000E+06 6.1714E-09 6.0000E+06 1.7670E-09 7.0000E+06 3.4098E-10  5715   3 7033
8.0000E+06 9.9991E-13 9.0000E+06 9.9991E-13 1.0000E+07 9.9991E-13  5715   3 7034
1.2000E+07 9.9991E-13                                              5715   3 7035
0.         4.0870E+04          0          0          1         34  5715   3 7036
      34          1                                                5715   3 7037
0.         1.4741E-07 1.0000E+04 2.9112E-07 3.0000E+04 2.2174E-07  5715   3 7038
4.5000E+04 2.5967E-07 6.0000E+04 3.5111E-07 1.0000E+05 5.3171E-07  5715   3 7039
1.5000E+05 7.4354E-07 2.2000E+05 5.7357E-07 3.0000E+05 8.2988E-07  5715   3 7040
4.0000E+05 7.8276E-07 4.5000E+05 8.4029E-07 5.0000E+05 7.4895E-07  5715   3 7041
6.0000E+05 7.1613E-07 7.0000E+05 6.2017E-07 8.0000E+05 5.3390E-07  5715   3 7042
9.0000E+05 4.4038E-07 1.0000E+06 3.6557E-07 1.2500E+06 3.2529E-07  5715   3 7043
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2.5000E+06 6.2819E-08 3.0000E+06 3.7046E-08 3.5000E+06 2.3537E-08  5715  3 7045
4.0000E+06 1.4522E-08 4.5000E+06 8.3060E-09 5.0000E+06 7.6926E-09  5715  3 7046
5.5000E+06 6.1190E-09 6.0000E+06 1.7620E-09 7.0000E+06 3.4164E-10  5715  3 7047
8.0000E+06 9.9907E-13 9.0000E+06 9.9907E-13 1.0000E+07 9.9907E-13  5715  3 7048
1.2000E+07 9.9907E-13                                              5715  3 7049
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      34          1                                                5715  3 7051
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4.5000E+04 3.1229E-07 6.0000E+04 3.4943E-07 1.0000E+05 5.2990E-07  5715  3 7053
1.5000E+05 7.4211E-07 2.2000E+05 5.7239E-07 3.0000E+05 8.2949E-07  5715  3 7054
4.0000E+05 7.8253E-07 4.5000E+05 8.4023E-07 5.0000E+05 7.4887E-07  5715  3 7055
6.0000E+05 7.1605E-07 7.0000E+05 6.1991E-07 8.0000E+05 5.3341E-07  5715  3 7056
9.0000E+05 4.3951E-07 1.0000E+06 3.6425E-07 1.2500E+06 3.2378E-07  5715  3 7057
1.3300E+06 2.3634E-07 1.6600E+06 1.4462E-07 2.0000E+06 9.7576E-08  5715  3 7058
2.5000E+06 6.2178E-08 3.0000E+06 3.6643E-08 3.5000E+06 2.3268E-08  5715  3 7059
4.0000E+06 1.4349E-08 4.5000E+06 8.2028E-09 5.0000E+06 7.5660E-09  5715  3 7060
5.5000E+06 6.0118E-09 6.0000E+06 1.7492E-09 7.0000E+06 3.4216E-10  5715  3 7061
8.0000E+06 9.9572E-13 9.0000E+06 9.9572E-13 1.0000E+07 9.9572E-13  5715  3 7062
1.2000E+07 9.9572E-13                                              5715  3 7063
0.         6.7380E+04          0          0          1         34  5715  3 7064
      34          1                                                5715  3 7065
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4.5000E+04 5.7074E-07 6.0000E+04 3.4684E-07 1.0000E+05 5.2605E-07  5715  3 7067
1.5000E+05 7.3874E-07 2.2000E+05 5.6967E-07 3.0000E+05 8.2792E-07  5715  3 7068
4.0000E+05 7.8129E-07 4.5000E+05 8.3924E-07 5.0000E+05 7.4794E-07  5715  3 7069
6.0000E+05 7.1515E-07 7.0000E+05 6.1881E-07 8.0000E+05 5.3197E-07  5715  3 7070
9.0000E+05 4.3749E-07 1.0000E+06 3.6149E-07 1.2500E+06 3.2071E-07  5715  3 7071
1.3300E+06 2.3352E-07 1.6600E+06 1.4237E-07 2.0000E+06 9.5793E-08  5715  3 7072
2.5000E+06 6.0954E-08 3.0000E+06 3.5875E-08 3.5000E+06 2.2755E-08  5715  3 7073
4.0000E+06 1.4019E-08 4.5000E+06 8.0064E-09 5.0000E+06 7.3275E-09  5715  3 7074
5.5000E+06 5.8102E-09 6.0000E+06 1.7235E-09 7.0000E+06 3.4267E-10  5715  3 7075
8.0000E+06 9.8862E-13 9.0000E+06 9.8862E-13 1.0000E+07 9.8862E-13  5715  3 7076
1.2000E+07 9.8862E-13                                              5715  3 7077
0.         8.6520E+04          0          0          1         34  5715  3 7078
      34          1                                                5715  3 7079
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4.5000E+04 1.1303E-06 6.0000E+04 3.7677E-07 1.0000E+05 5.1657E-07  5715  3 7081
1.5000E+05 7.2738E-07 2.2000E+05 5.6078E-07 3.0000E+05 8.1750E-07  5715  3 7082
4.0000E+05 7.7171E-07 4.5000E+05 8.2929E-07 5.0000E+05 7.3903E-07  5715  3 7083
6.0000E+05 7.0661E-07 7.0000E+05 6.1108E-07 8.0000E+05 5.2481E-07  5715  3 7084
9.0000E+05 4.3072E-07 1.0000E+06 3.5477E-07 1.2500E+06 3.1409E-07  5715  3 7085
1.3300E+06 2.2811E-07 1.6600E+06 1.3850E-07 2.0000E+06 9.2911E-08  5715  3 7086
2.5000E+06 5.9027E-08 3.0000E+06 3.4691E-08 3.5000E+06 2.1978E-08  5715  3 7087
4.0000E+06 1.3525E-08 4.5000E+06 7.7161E-09 5.0000E+06 7.0005E-09  5715  3 7088
5.5000E+06 5.5379E-09 6.0000E+06 1.6785E-09 7.0000E+06 3.3958E-10  5715  3 7089
8.0000E+06 9.7071E-13 9.0000E+06 9.7071E-13 1.0000E+07 9.7071E-13  5715  3 7090
1.2000E+07 9.7071E-13                                              5715  3 7091
0.         1.1100E+05          0          0          1         34  5715  3 7092
      34          1                                                5715  3 7093
0.         1.4058E-07 1.0000E+04 1.0514E-06 3.0000E+04 7.3258E-07  5715  3 7094
4.5000E+04 1.6814E-06 6.0000E+04 4.8825E-07 1.0000E+05 5.0812E-07  5715  3 7095
1.5000E+05 7.1457E-07 2.2000E+05 5.5058E-07 3.0000E+05 8.0818E-07  5715  3 7096
4.0000E+05 7.6347E-07 4.5000E+05 8.2121E-07 5.0000E+05 7.3172E-07  5715  3 7097
6.0000E+05 6.9959E-07 7.0000E+05 6.0425E-07 8.0000E+05 5.1780E-07  5715  3 7098
9.0000E+05 4.2302E-07 1.0000E+06 3.4591E-07 1.2500E+06 3.0479E-07  5715  3 7099
1.3300E+06 2.2001E-07 1.6600E+06 1.3232E-07 2.0000E+06 8.8135E-08  5715  3 7100
2.5000E+06 5.5780E-08 3.0000E+06 3.2669E-08 3.5000E+06 2.0637E-08  5715  3 7101
4.0000E+06 1.2666E-08 4.5000E+06 7.2060E-09 5.0000E+06 6.3978E-09  5715  3 7102
5.5000E+06 5.0313E-09 6.0000E+06 1.6067E-09 7.0000E+06 3.3832E-10  5715  3 7103
8.0000E+06 9.4750E-13 9.0000E+06 9.4750E-13 1.0000E+07 9.4750E-13  5715  3 7104
1.2000E+07 9.4750E-13                                              5715  3 7105
0.         1.8300E+05          0          0          1         34  5715  3 7106
      34          1                                                5715  3 7107
0.         1.3542E-07 1.0000E+04 1.5193E-06 3.0000E+04 9.7266E-07  5715  3 7108
4.5000E+04 2.4654E-06 6.0000E+04 6.9224E-07 1.0000E+05 5.4352E-07  5715  3 7109
1.5000E+05 7.1549E-07 2.2000E+05 5.3294E-07 3.0000E+05 7.9049E-07  5715  3 7110
4.0000E+05 7.4758E-07 4.5000E+05 8.0525E-07 5.0000E+05 7.1734E-07  5715  3 7111
6.0000E+05 6.8580E-07 7.0000E+05 5.9124E-07 8.0000E+05 5.0497E-07  5715  3 7112
9.0000E+05 4.0967E-07 1.0000E+06 3.3128E-07 1.2500E+06 2.8974E-07  5715  3 7113
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2.5000E+06 5.0783E-08 3.0000E+06 2.9567E-08 3.5000E+06 1.8584E-08  5715   3 7115
4.0000E+06 1.1353E-08 4.5000E+06 6.4279E-09 5.0000E+06 5.4893E-09  5715   3 7116
5.5000E+06 4.2693E-09 6.0000E+06 1.4939E-09 7.0000E+06 3.3469E-10  5715   3 7117
8.0000E+06 9.0896E-13 9.0000E+06 9.0896E-13 1.0000E+07 9.0896E-13  5715   3 7118
1.2000E+07 9.0896E-13                                              5715   3 7119
0.         3.0200E+05          0          0          1         34  5715   3 7120
        34          1                                              5715   3 7121
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4.5000E+04 3.2178E-06 6.0000E+04 9.1359E-07 1.0000E+05 7.5066E-07  5715   3 7123
1.5000E+05 8.4443E-07 2.2000E+05 4.9955E-07 3.0000E+05 7.8858E-07  5715   3 7124
4.0000E+05 7.1141E-07 4.5000E+05 7.6204E-07 5.0000E+05 6.7874E-07  5715   3 7125
6.0000E+05 6.4887E-07 7.0000E+05 5.5863E-07 8.0000E+05 4.7596E-07  5715   3 7126
9.0000E+05 3.8415E-07 1.0000E+06 3.0804E-07 1.2500E+06 2.6789E-07  5715   3 7127
1.3300E+06 1.9008E-07 1.6600E+06 1.1122E-07 2.0000E+06 7.2514E-08  5715   3 7128
2.5000E+06 4.5362E-08 3.0000E+06 2.6282E-08 3.5000E+06 1.6451E-08  5715   3 7129
4.0000E+06 1.0011E-08 4.5000E+06 5.6458E-09 5.0000E+06 4.6574E-09  5715   3 7130
5.5000E+06 3.5850E-09 6.0000E+06 1.3586E-09 7.0000E+06 3.1890E-10  5715   3 7131
8.0000E+06 8.4631E-13 9.0000E+06 8.4631E-13 1.0000E+07 8.4631E-13  5715   3 7132
1.2000E+07 8.4631E-13                                              5715   3 7133
0.         4.9800E+05          0          0          1         34  5715   3 7134
        34          1                                              5715   3 7135
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4.5000E+04 3.5041E-06 6.0000E+04 1.2087E-06 1.0000E+05 8.3191E-07  5715   3 7137
1.5000E+05 9.3034E-07 2.2000E+05 4.5517E-07 3.0000E+05 9.2504E-07  5715   3 7138
4.0000E+05 7.5625E-07 4.5000E+05 7.6911E-07 5.0000E+05 6.2218E-07  5715   3 7139
6.0000E+05 6.4601E-07 7.0000E+05 5.1647E-07 8.0000E+05 4.3523E-07  5715   3 7140
9.0000E+05 3.5011E-07 1.0000E+06 2.7921E-07 1.2500E+06 2.4190E-07  5715   3 7141
1.3300E+06 1.7079E-07 1.6600E+06 9.9101E-08 2.0000E+06 6.4190E-08  5715   3 7142
2.5000E+06 4.0013E-08 3.0000E+06 2.3107E-08 3.5000E+06 1.4423E-08  5715   3 7143
4.0000E+06 8.7548E-09 4.5000E+06 4.9250E-09 5.0000E+06 3.9613E-09  5715   3 7144
5.5000E+06 3.0251E-09 6.0000E+06 1.2154E-09 7.0000E+06 2.9385E-10  5715   3 7145
8.0000E+06 7.6777E-13 9.0000E+06 7.6777E-13 1.0000E+07 7.6777E-13  5715   3 7146
1.2000E+07 7.6777E-13                                              5715   3 7147
0.         8.2100E+05          0          0          1         34  5715   3 7148
        34          1                                              5715   3 7149
0.         4.2974E-07 1.0000E+04 1.5431E-06 3.0000E+04 9.3282E-07  5715   3 7150
4.5000E+04 1.7629E-06 6.0000E+04 1.0485E-06 1.0000E+05 9.0724E-07  5715   3 7151
1.5000E+05 9.6958E-07 2.2000E+05 7.6433E-07 3.0000E+05 9.6869E-07  5715   3 7152
4.0000E+05 8.3875E-07 4.5000E+05 8.2466E-07 5.0000E+05 6.9202E-07  5715   3 7153
6.0000E+05 6.8634E-07 7.0000E+05 5.8690E-07 8.0000E+05 4.3599E-07  5715   3 7154
9.0000E+05 3.5628E-07 1.0000E+06 2.7425E-07 1.2500E+06 2.2023E-07  5715   3 7155
1.3300E+06 1.5966E-07 1.6600E+06 9.6984E-08 2.0000E+06 6.1517E-08  5715   3 7156
2.5000E+06 3.7489E-08 3.0000E+06 2.2027E-08 3.5000E+06 1.3419E-08  5715   3 7157
4.0000E+06 8.1805E-09 4.5000E+06 4.8817E-09 5.0000E+06 3.4458E-09  5715   3 7158
5.5000E+06 2.4826E-09 6.0000E+06 1.9144E-09 7.0000E+06 1.8093E-09  5715   3 7159
8.0000E+06 8.8568E-13 9.0000E+06 8.8568E-13 1.0000E+07 8.8568E-13  5715   3 7160
1.2000E+07 8.8568E-13                                              5715   3 7161
0.         1.3530E+06          0          0          1         34  5715   3 7162
        34          1                                              5715   3 7163
0.         6.4677E-07 1.0000E+04 6.8829E-07 3.0000E+04 7.3674E-07  5715   3 7164
4.5000E+04 7.7825E-07 6.0000E+04 8.5437E-07 1.0000E+05 9.2366E-07  5715   3 7165
1.5000E+05 9.5522E-07 2.2000E+05 9.6183E-07 3.0000E+05 9.3954E-07  5715   3 7166
4.0000E+05 9.0099E-07 4.5000E+05 8.6375E-07 5.0000E+05 7.9300E-07  5715   3 7167
6.0000E+05 6.8066E-07 7.0000E+05 5.6625E-07 8.0000E+05 4.7049E-07  5715   3 7168
9.0000E+05 3.9553E-07 1.0000E+06 2.9955E-07 1.2500E+06 2.2480E-07  5715   3 7169
1.3300E+06 1.6664E-07 1.6600E+06 1.0305E-07 2.0000E+06 6.1129E-08  5715   3 7170
2.5000E+06 3.5346E-08 3.0000E+06 2.0827E-08 3.5000E+06 1.2302E-08  5715   3 7171
4.0000E+06 7.4444E-09 4.5000E+06 4.5932E-09 5.0000E+06 2.9144E-09  5715   3 7172
5.5000E+06 1.9321E-09 6.0000E+06 1.8725E-09 7.0000E+06 2.0684E-09  5715   3 7173
8.0000E+06 9.9556E-13 9.0000E+06 9.9556E-13 1.0000E+07 9.9556E-13  5715   3 7174
1.2000E+07 9.9556E-13                                              5715   3 7175
0.         1.7380E+06          0          0          1         34  5715   3 7176
        34          1                                              5715   3 7177
0.         5.7677E-07 1.0000E+04 6.0209E-07 3.0000E+04 6.3163E-07  5715   3 7178
4.5000E+04 6.5694E-07 6.0000E+04 7.0336E-07 1.0000E+05 7.5874E-07  5715   3 7179
1.5000E+05 8.1022E-07 2.2000E+05 8.6750E-07 3.0000E+05 9.1100E-07  5715   3 7180
4.0000E+05 9.1591E-07 4.5000E+05 8.9733E-07 5.0000E+05 8.4403E-07  5715   3 7181
6.0000E+05 7.3727E-07 7.0000E+05 6.1432E-07 8.0000E+05 5.1158E-07  5715   3 7182
9.0000E+05 4.3628E-07 1.0000E+06 3.3402E-07 1.2500E+06 2.5077E-07  5715   3 7183
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2.5000E+06 3.3744E-08 3.0000E+06 1.9349E-08 3.5000E+06 1.1217E-08  5715   3 7185
4.0000E+06 6.6417E-09 4.5000E+06 3.9759E-09 5.0000E+06 2.4598E-09  5715   3 7186
5.5000E+06 1.5351E-09 6.0000E+06 9.8101E-10 7.0000E+06 6.8814E-10  5715   3 7187
8.0000E+06 9.9622E-13 9.0000E+06 9.9622E-13 1.0000E+07 9.9622E-13  5715   3 7188
1.2000E+07 9.9622E-13                                              5715   3 7189
0.         2.2310E+06          0          0          1         34  5715   3 7190
      34            1                                              5715   3 7191
0.         5.4987E-07 1.0000E+04 5.6855E-07 3.0000E+04 5.9034E-07  5715   3 7192
4.5000E+04 6.0901E-07 6.0000E+04 6.4326E-07 1.0000E+05 6.9171E-07  5715   3 7193
1.5000E+05 7.4803E-07 2.2000E+05 8.1485E-07 3.0000E+05 8.7409E-07  5715   3 7194
4.0000E+05 8.9444E-07 4.5000E+05 8.8668E-07 5.0000E+05 8.4192E-07  5715   3 7195
6.0000E+05 7.3630E-07 7.0000E+05 6.1451E-07 8.0000E+05 5.1189E-07  5715   3 7196
9.0000E+05 4.3503E-07 1.0000E+06 3.3828E-07 1.2500E+06 2.6081E-07  5715   3 7197
1.3300E+06 2.0281E-07 1.6600E+06 1.3384E-07 2.0000E+06 7.7696E-08  5715   3 7198
2.5000E+06 3.5766E-08 3.0000E+06 1.8664E-08 3.5000E+06 1.0682E-08  5715   3 7199
4.0000E+06 6.2089E-09 4.5000E+06 3.6499E-09 5.0000E+06 2.2189E-09  5715   3 7200
5.5000E+06 1.3265E-09 6.0000E+06 6.4703E-10 7.0000E+06 2.1693E-10  5715   3 7201
8.0000E+06 9.9709E-13 9.0000E+06 9.9709E-13 1.0000E+07 9.9709E-13  5715   3 7202
1.2000E+07 9.9709E-13                                              5715   3 7203
0.         2.8650E+06          0          0          1         34  5715   3 7204
      34            1                                              5715   3 7205
0.         5.0538E-07 1.0000E+04 5.2447E-07 3.0000E+04 5.4673E-07  5715   3 7206
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