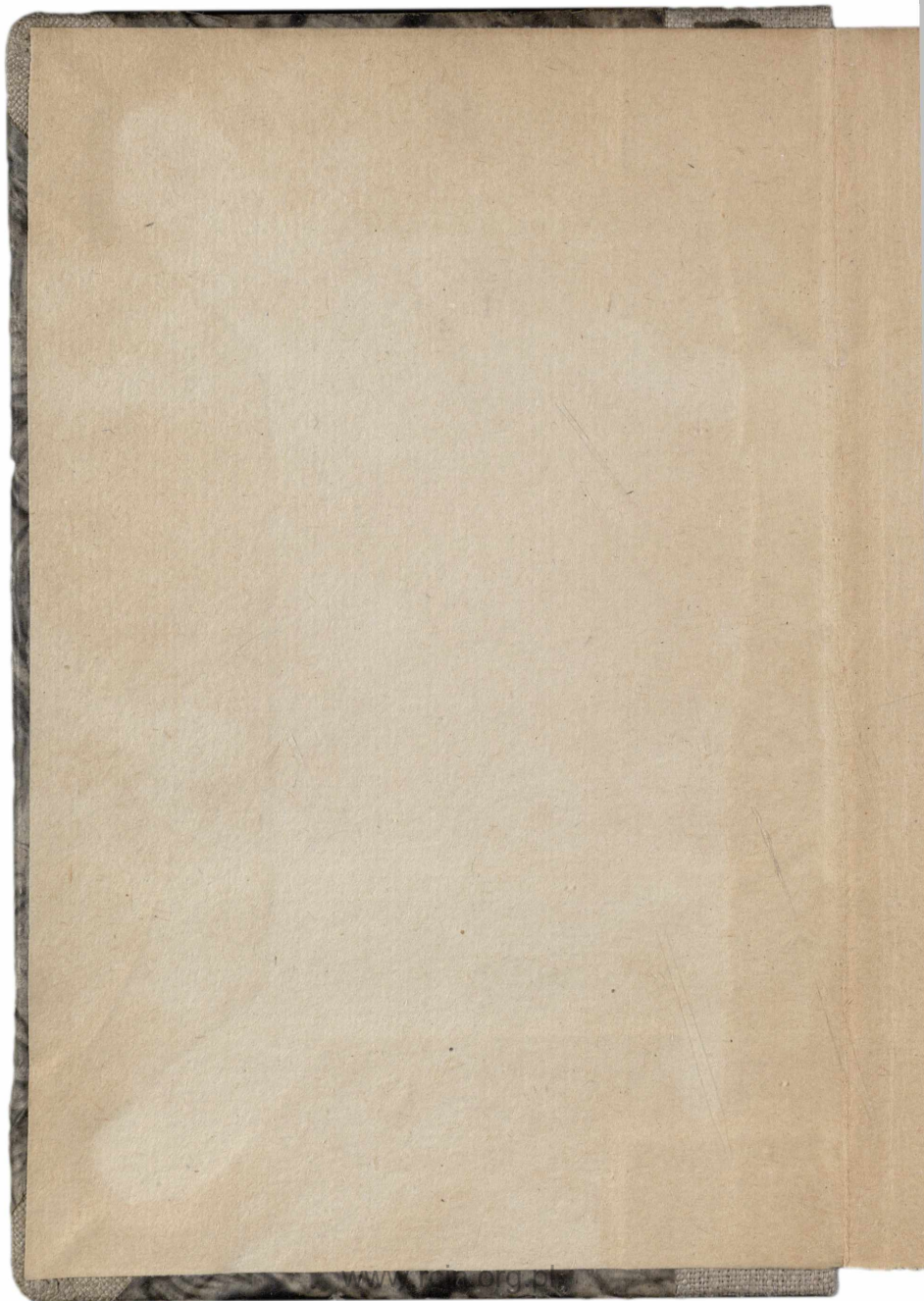


BLACOSCHEN

TABELLEN



ADRIANI VLACQ
TABVLAE
SINVVM, TANGENTIUM
& SECANTIUM

ET
LOGARITHMORVM
SINVVM, TANGENTIUM
ET NVMERORVM
AB I AD 10000.

QVIBVS ADDITAE SVNT
TABVLAE
NVMERORVM QVADRATORVM
ET CVBICORVM
AB I AD 1000.



EDITIO NOVA, EMENDATA ET AVCTA

A
IOHANNE IACOBO EBERT.

FRANCOFVRTI

APVD IOH. GEORG. FLEISCHER. 1790.

5539 www.rcin.org.pl

ADRIANI VLAACO

TABVLAE

SECVTVAE TABVLAE
E SECVTIVAE

LOGARITHMORVM
SECVTVAE TABVLAE
E SECVTIVAE

ADRIANI VLAACO

SECVTVAE TABVLAE

TABVLAE

SECVTIVAE TABVLAE

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SECVTIVAE TABVLAE

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SECVTIVAE TABVLAE

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ADRIANI VLAACO



PRAEFATIO.

Collectio haec Tabularum trigonometricarum et logarithmicarum, tironibus destinata, cuius nunc nova editio exhibetur, nondum diligentiam editorum experta est eam, quae maioribus collectionibus contigit. Quis enim SHERWINI, SCHULZII et VEGAE, ut alios taceam, merita ignorat? Editiones enim posteriores, imprimis ea, quae anno huius seculi septuagesimo quinto prodiit, mendis scatent,

quibus vt noua haec editio purgaretur, omnem dedi operam. Nam cum paucissimi rerum mathematicarum cultores ab re familiari ita sint parati, vt multos in eiusmodi libros impendere possint sumtus, facile me moueri passus sum ad has tabulas, non magno parabiles, omni diligentia, quae quidem a me praestari potuit, edendas. Quomodo vero in hoc labore versatus sim, breuiter exponam.

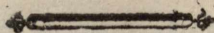
Ac primo quidem non tantum addendo, sed etiam demendo commodis tironum et emtorum huius editionis consulere studui. Tabulae scilicet Logarithmorum Sinuum et Tangentium pro singulis minutis primis Quadrantis adiunxi Logarithmos Sinuum et Tangentium pro singulis minutis secundis primi Gradus,

dus, quoniam in computationibus astronomicis saepe quaestio est de angulis minoribus, quam quidem in canone vulgari continentur. Cofinus autem et Cotangentes non addidi, quoniam eorum inuentio non magnam habet difficultatem, vt mox docebitur. Denique non alienum duxi, etiam Tabulas numerorum quadratorum et cubicorum, atque radicum numerorum ab vnitatem ad 1000 crescentium adiungere, nec arbitror fore, qui hoc additamentum pro superfluo habere possint. Ne autem moles et pretium libri nimium augetur, omisi omnia, quae in superioribus editionibus de resolutione triangulorum retilineorum et sphaericorum, nec non de quaestionibus astronomicis traduntur, retento tantum

primo

primo capite de harum tabularum usu. Namque ii, qui Trigonometriae et Astronomiae elementa iam cognita habent atque perspecta, his praeceptis facile carere possunt; illi autem, qui scientia harum disciplinarum nondum sunt imbuti, raro eiusmodi regulis, quod ego quidem experientia edoctus affirmare possum, proprio Marte recte vti discunt. Scr. in Academia Vitebergensi d. 5. Apr. A. N. C. 1790.

IO. IAC. EBERT.



INTRO.



INTRODVCTIO.

DE

VSV HARVM TABVLARVM.

Cum Tabulae sequentes tironibus potissimum destinatae sint, qui non semper iis rite uti dedicerunt, facere non possumus, quin pauca de earum indole atque usu praemittamus. Ac primo quidem, antequam de Tabulis ipsis agamus, communicanda videntur cum lectoribus, quae in superioribus editionibus de natura et constructione Logarithmorum traduntur.

Logarithmi sunt numeri ad libitum assumti, qui respondentes numeris geometricae proportionalibus, aequalem semper retinent differentiam. Si igitur numeris, in ratione geometrica progredientibus, subscribantur totidem alii, qui arithmeticae proportionem seruant, erunt hi illorum Logarithmi.

N. pr.	Logarithmi.		
1	1	3	0
2	2	5	10
4	3	7	20
8	4	9	30
16	5	11	40
32	6	13	50
64	7	15	60
128	8	17	70
256	9	19	80
512	10	21	90
1024	11	23	100
2048	12	25	110
4096	13	27	120
8192	14	29	130

Patet hoc ex adiuncta Tabula, in cuius prima columna numeri geometricè proportionales exhibentur; in secunda autem et reliquis columnis habes Logarithmos eorundem proportionalium ad libitum assumtos: licet enim pro primo Logarithmo, et pro differentia reliquorum Logarithmorum progressiua, numerum quemcunque eligere. Definitis autem duorum numerorum Logarithmis, non amplius liberum est, alios Logarithmos assumere. Si v. g. ponas, Logarithmum vnitatis esse 1 et binarii 2, Logarithmus quaternarii necessario erit 3, et octonarii 4. Quodsi autem Logarithmus vnitatis fuerit 3 et binarii 5, necessario Logarithmus quaternarii erit 7, octonarii 9 &c.

Quia vero in proportione arithmetica summa terminorum extremorum aequalis est summae terminorum mediorum, facile intelligi potest, *datis quatuor numeris proportionalibus inter se, Logarithmos primi et quarti numeri simul sumtos aequales esse Logarithmis numerorum mediorum simul sumtis.*

Si fuerint igitur a, b, c, d numeri geometricè proportionales, erit $\text{Log. } a + \text{Log. } d = \text{Log. } b + \text{Log. } c$. Aut si $2 : 8 = 16 : 64$, Summa Logarithmi 2 et Logarithmi 64 aequalis erit summae Logarithmorum 8 et 16

Hinc fit, vt omiffa Regula aurea, quae datis tribus numeris quartum proportionalem multiplicatione et diuifione inuenire docet, mathematici in calculis potiffimum ad Trigonometriam et Aftronomiam pertinentibus, Logarithmis numerorum datorum vtantur. Vt enim Logarithmus numeri quarti proportionalis habeatur, non nifi additione et fubtractione opus eft. Nam fi Logarithmi fecundi et tertii numeri addantur, et ex eorum fuma Logarithmus primi numeri detrahatur, reliquus erit quaefiti quarti numeri Logarithmus, cuius ope quartum numerum ipfum in Tabulis reperies.

Quare fat erit, vt mox docebimus, Logarithmorum Tabulas conffruere, fingulis numeris respondentium. Ita autem iis respondere debent, vt ab vnitae progredientes nullum intermittant numerum, quod in progrefione fupra propofita fit, 1, 2, 4, 8, 16 &c. in qua multi numeri, nempe, 3, 5, 6, 7, 9, 10, 11 &c. defiderantur, quibus tamen fui Logarithmi assignari debent.

Ad maiorem autem facilitatem pofitus eft vnitatis Logarithmus = 0, Logarithm. numeri 10 = 1.0000000 et Log. numeri 100 = 2.0000000 et fic porro, vt adiecta tabula monffrat. Vbi tamen notabis, primam Logarithmi figuram, quae *Charaeteristica* nuncupatur, femper effe vnitae minorem, quam figurae, ex

Num. prop.	Logar.
1	0.0000000
10	1.0000000
100	2.0000000
1000	3.0000000
10000	4.0000000
100000	5.0000000
1000000	6.0000000
10000000	7.0000000
100000000	8.0000000
1000000000	9.0000000

quibus numerus, Logarithmo respondens, constat. Si v. g. numerus octo figuris constet, prima Logarithmi figura erit 7; erit vero Logarithmi Characteristica 8, si numerus nouem figuris constet.

Ex quibus principiis et fundamentis deducti sunt omnium numerorum integrorum Logarithmi, etiam illorum, qui ab 1 ad 10, a 10 ad 100, a 100 ad 1000 &c. procedunt, quorum Tabulae conditae sunt ea arte, vt sine multiplicatione et diuisione, sola additione et subtractione Logarithmorum, tribus numeris propositis respondentium habeatur Logarithmus quarti requisiti, eius ad latus in columna numerorum naturalium postea reperiendi. Sunt autem, vt ex proposita Tabula manifestum est, Logarithmi numerorum ab 1 ad 10 vnitatem minores, h. e. fractiones verae, et omnium reliquorum numerorum, qui non in progressionem geometricam 1, 10, 100, 1000 &c. continentur, numeri mixti, h. e. ex numeris integris et fractis compositi. Sic v. g. $\text{Log. } 567 = 2.7535831$ constat ex numero integro 2, quem Characteristica denotat, et fractione decimali $\frac{7535831}{10000000}$. Cum autem in hoc systemate logarithmico Logarithmus vnitatis sit 0, et omnes fractiones verae vnitatem minores sint, facile apparet, Logarithmos omnium fractionum verarum nihilo minores h. e. negatiuos esse. Sic v. g. $\text{Logarithm. } \frac{1}{10} = -1$, $\text{Log. } \frac{1}{100} = -2$, $\text{Log. } \frac{1}{1000} = -3$, $\text{Log. } \frac{1}{10000} = -4$ &c. Sed veniamus nunc ad Tabulas ipsas, quarum

Prima continet Sinus, Tangentes, et Secantes cuiusuis gradus et scrupuli Quadrantis, cuius semidiameter

meter est 10000000 partium, nec non Logarithmos Sinuum et Tangentium, omissis Secantium Logarithmis, quia omnes fere calculi trigonometrici sine illis perfici possunt, et quia, si opus iis est, non magnam difficultatem habet earum inuentio, quippe quae his tantum duabus regulis nititur:

- 1) Logarithmus Sinus totius multiplicetur per 2.
- 2) Ab hoc Sinus totius duplo subtrahatur Logarithmus Cofinus eius anguli, de cuius Secantis Logarithmo quaestio est. Residuum erit Logarithmus Secantis quaesitus.

SCHEMA CALCULI.

Sit inueniendus Logarithmus Secantis anguli
 $14^{\circ}, 30'$

$$\text{Logarithm. Sin. Tot.} = 10.0000000$$

$$\text{Eius duplum} = 20.0000000$$

$$\text{Log. Cofin. } 14^{\circ}, 30' = 9.9859416$$

$$\text{Ergo Log. Sec. } 14^{\circ}, 30' = 10.0140584$$

In *secunda* Tabula reperiuntur Logarithmi Sinuum et Tangentium pro singulis Minutis secundis primi Gradus. Quoniam autem breuitatis causa praetermissi sunt Logarithmi Cofinuum et Cotangentium, quibus tamen in computationibus astronomicis carere non possumus, docendum hic est, qua ratione tirones

Logarithmos Cosinum et Cotangentium angulorum, qui nondum vnum gradum complent, inuenire possint.

- 1) Quaeratur angulus complementi, subtrahendo scilicet angulo dato ab angulo recto.
- 2) Subtrahatur angulus proxime minor non tantum ab angulo proxime maiore, in Canone obuius, sed etiam ab angulo complementi quaesito.
- 3) Subtrahatur porro Logarithmus Sinus, (si Logarithmus Cosinus inueniendus sit), aut Logarithmus Tangentis (si sermo fuerit de Logarithmo Cotangentis) anguli proxime minoris a Logarithmo Sinus (aut Tangentis) anguli proxime maioris.
- 4) Inferatur nunc: vt differentia anguli proxime maioris et proxime minoris ad differentiam anguli minoris et anguli complementi, ita differentia Logarithmorum Sinus (aut Tangentis) anguli minoris et Sinus (aut Tangentis) anguli maioris ad differentiam Logarithmorum Sinus (aut Tangentis) anguli proxime minoris et Sinus (aut Tangentis) anguli complementi.
- 5) Addatur haec differentia Logarithmo Sinus (aut Tangentis) anguli proxime minoris. Summa erit Logarithmus quaesitus.

SCHEMA OPERATIONIS.

Quaeratur e. gr. Logarithmus Cosinus anguli
 $59^{\circ} 40''$.

Erit

Erit igitur Ang. compl. = $90^{\circ} - 59', 40'' = 89^{\circ}, 0', 20''$

Angulus proxime maior = $89^{\circ}, 1'$

Angul. proxime minor = $89^{\circ}, 0'$

Different. = $0^{\circ}, 1' = 60''$

Angulus complem. = $89^{\circ}, 0', 20''$

Angul. proxime minor = $89^{\circ}, 0', 0''$

Different. = $0^{\circ}, 0', 20''$

Log. Sin. $89^{\circ}, 1' = 9,9999360$

Log. Sin. $89^{\circ}, 0' = 9,9999338$

Different. = 22

Ergo $60'' : 20'' = 22 : x$

atque $x = \frac{20 \times 22}{60} = 7\frac{2}{3}$

quae autem fractio $\frac{2}{3}$ omitti potest.

Quia igitur hoc loco $x=7$ denotat differentiam Logarithmorum Sinus anguli proxime minoris et Sinus anguli complementi, addendus nunc est numerus 7 Logarithmo sinus $89^{\circ}, 0'$.

Log. Sin. $89^{\circ}, 0' = 9,9999338$

differ. $x = 7$

Ergo Log. Cos. $59', 40'' = 9,9999345$

Simili ratione etiam Logarithmi Cotangentium, in his Tabulis non obuii, inueniri possunt.

In *tertia* Tabula sunt Logarithmi numerorum naturali serie ab 1 ad 10000 crescentium. Quia autem saepe opus est Logarithmis plurium numerorum,

modum monstrabo, quo Logarithmus cuiuscunque numeri, sed 10000000 non excedentis, inueniri possit, et contra

- 1) Quære in Tabula Logarithmum quatuor primarum figurarum numeri dati.
- 2) Subtrahe Logarithmum inventum ex Logarithmo proxime sequenti in Tabula, vt habeas eorum differentiam.
- 3) Duc inuentam differentiam in reliquas figuras numeri dati, et ex producto abscinde ad dextram tot figuras, quot reliquae fuerint.
- 4) Reliquum producti adde Logarithmo primum invento; summa erit Logarithmus quaesitus, si primam figuram mutaueris, quae semper, vt supra monuimus, debet esse 1 minor numero figurarum, quibus numerus integer datus consistit.

SCHEMA CALCULI.

Quaeratur Logarithmus numeri 3567894.

Quatuor primae figurae huius numeri sunt 3567

Log. proxime sequ. 3568 = 3.5524248

Log. 3567 = 3.5523031

Differentia = 1217

Tres reliquae fig. numeri dati = 894

4868

10953

9736

Productum = 1087998

Ex

Ex quo si tres figurae a dextra ad sinistram
abscindantur, relinquitur numerus 1087, addendus

$$\text{Logarithmo } 3567 = 3.5523031$$

$$3.5524118$$

Quoniam autem numerus datus 3567894 septem
figuris constat, mutanda est Characteristica 3 huius
Logarithmi in 6, quo factu erit

$$6.5524118 = \text{Log. } 3567894$$

Aliter

- 1) Resecentur quatuor notae aut figurae ad sinistram
numeri dati, et ex Tabula excerpantur earum Lo-
garithmus, et Logarithmus proxime sequens.
- 2) Characteristicae tot addantur vnitates, quot notae
ad dextram residuae.
- 3) Logarithmus prior subtrahatur a Logarithmo pro-
xime sequente.
- 4) Inferatur: vt differentia numerorum ad differen-
tiam tabularem Logarithmorum ipsis responden-
tium, ita notae residuae numeri dati ad differentiam
logarithmicam inueniendam. Quae si
- 5) Addatur Logarithmo per N. 1 et 2 inuento, sum-
ma erit Logarithmus quaesitus.

SCHEMA CALCULI.

Quaeratur iterum Logarithmus Numeri 3567894

Reseca igitur quatuor notas primas 3567, et
quaere huius numeri Logarithmum. Est autem

b 5

Log.

$$\text{Log. } 3567 = 3.5523031$$

$$\text{Ergo Log. } 3567000 = 6.5523031$$

$$\text{Log. } 3568 = 3.5524248$$

$$\text{Ergo Log. } 3568000 = 6.5524248$$

$$\text{Et quia } 3568000 - 3567000 = 1000$$

$$\text{Notae residuae aut } 3567894 - 3567000 = 894$$

$$\text{et } 6.5524248 - 6.5523031 = 1217$$

Eritigitur 1000 ad 1217 vt 894 ad differ. log.

$$\text{Ergo differ. log.} = \frac{1217 \times 894}{1000} = 1087$$

$$\text{Iam Logarithmo } 6.5523031$$

$$\text{addatur differ. log. } 1087$$

Summa est Log. quaesitus 6.5524118

Simili ratione inueniuntur Logarithmi aliorum numerorum, in Tabulis non obuorum, v. g. numeri 3567894, cuius Logarithmus est 6.5524118.

NOTA.

Si datur numerus $3.567894 = 3 \frac{567894}{1000000}$, vel $35 \frac{67894}{100000}$, vel $356 \frac{7894}{10000}$ &c. Logarithmi eorum iidem sunt, qui numeri integri 3567894, excepta tantum Characteristica aut prima figura, et modus eos inueniendi prorsus est idem. Nempe quia

$$\text{Log. } 3567894 = 6.5524118$$

$$\text{Erit Log. } 3.567894 = 0.5524118$$

$$\text{Log. } 35.67894 = 1.5524118$$

$$\text{Log. } 356.7894 = 2.5524118$$

$$\text{Log. } 3567.894 = 3.5524118 \text{ \&c.}$$

Et

Et si datur numerus integer cum fractione decimali adiuncta, non habens plus quatuor figuris, Logarithmus eius in Tabula ipsa inuenietur. Si v. g. inueniendi sint Logarithmi numerorum $3\frac{567}{1000}$, $35\frac{67}{100}$ et $356\frac{7}{10}$, quaeratur in Tabula Logarithmus numeri 3567 , atque ex prima figura s. Characteristica Logarithmi detrahantur tot vnitates, quot notas habet numerator fractionis. Quia igitur

$$\text{Log. } 3567 = 3.5523031$$

$$\text{Erit Log. } 3\frac{567}{1000} = 0.5523031$$

$$\text{Log. } 35\frac{67}{100} = 1.5523031$$

$$\text{et Log. } 356\frac{7}{10} = 2.5523031$$

Vnde apparet, fractiones decimales in vsu Logarithmorum magnam praebere facilitatem, ideoque aliis esse anteponendas. Nam si alia species fractionis numero integro fuerit adiuncta, v. g. $3\frac{3}{4}$, mutandus est numerus mixtus in fractionem spuriam, et deinde Logarithmus denominatoris e Logarithmo numeratoris subtrahendus, vt inueniatur Logarithmus numeri mixti. Sic $3\frac{3}{4}$ mutatis in $\frac{15}{4}$ erit

$$\text{Log. } 3\frac{3}{4} = \text{Log. } \frac{15}{4} = \text{Log. } 15 - \text{Log. } 4.$$

$$\text{Est autem Log. } 15 = 1.1760913$$

$$\text{et Log. } 4 = 0.6020600$$

$$\text{Ergo Log. } 3\frac{3}{4} = 0.5740313$$

Eadem ratione etiam Logarithmus fractionis verae inueniri potest, nempe detrahendo Logarithmo denominatoris e Logarithmo numeratoris. Quoniam

autem fractionis verae numerator minor est denominatore, subtractio ita fieri solet, vt Logarithmus numeratoris e Logarithmo denominatoris detrahatur et differentiae signum —, quod *minus* significat, praepo-
natur. Sic v. g. Log. $\frac{2}{3}$ hac ratione inueniri potest:

$$\begin{array}{r} \text{Log. } 3 = 0.4771212 \\ \text{et Log. } 2 = 0.3010300 \end{array}$$

$$\text{Ergo Log. } \frac{2}{3} = -0,1760912$$

Restat, vt doceamus, *quomodo numerus dati Logarithmi, in Tabulis non obuii, inueniri possit.*

Cum autem Characteristica datorum Logarithmorum sit vel 3, vel minor, vel maior, quam 3, triplex erit resolutio huius problematis.

CASVS I. *Si Characteristica dati Logarithmi fuerit 3, h. e. si numerus, cui conuenit Logarithmus, inter 1000 et 10000 cadat*

- 1) Subtrahatur Logarithmus proxime minor non tantum a Logarithmo proxime maiore in Tabulis obuio, sed etiam a Logarithmo dato.
- 2) Inferatur: vt differentia prior ad differentiam posteriorem, ita particulae decimales, aut centesimae, aut millesimae &c. ad particulas homogeneas decimales, aut centesimas, aut millesimas &c. inueniendas.
- 3) Particulae istae inuentae addantur numero, qui Logarithmo proxime minori in Tabulis respondet,

det, summa erit numerus dato Logarithmo respondens.

SCHEMA CALCULI.

Quaeratur numerus Logarithmo 3.7589982 respondens.

Log. proxime maior 3.7590632 = Log. 5742

Log. proxime minor 3.7589875 = Log. 5741

Differentia = 757 Diff. = 1

Logarithmus datus 3.7589982

Logarithmus pr. minor 3.7589875

Differentia = 107

Ergo 757 : 107 = 1 : $\frac{y}{1000}$

aut 757 : 107 = 1000 : y

$$y = \frac{107 \times 1000}{757} = 141$$

atque $\frac{y}{1000} = \frac{141}{1000}$

Add. num. Log. min. = 5741

Erit numerus quaesitus 5741 $\frac{141}{1000}$

CASVS II. Si Characteristica dati Logarithmi minor fuerit quam 3, h. e. aut 0, aut 1, aut 2.

1) Augeatur Characteristica, vt fiat 3.

2) Quaeratur nunc Logarithmus in Tabula inter Logarithmos numerorum 1000 — 10000. Numerus enim respondens inuento Logarithmo erit

quaesitus, tot fractiones decimales adiectas numerans, quot vnitates accesserunt Characteristicae.

Si e. gr. inueniendus sit numerus Logarithmo 0.6542713 respondens, mutetur Characteristica 0 in 3, vt fiat

$$3.6542713 = \text{Log. } 4511$$

$$\text{Ergo } 0.6542713 = \text{Log. } 4.511$$

- Quodsi vero fractiones hoc modo inuentae Problemati nondum satisfecerint, per regulas Cas. I. minores partes adhuc reperientur.

CASVS III. *Si Characteristica dati Logarithmi fuerit maior, quam 3*

- 1) Quaeratur, neglecta Characteristica, Logarithmus dato respondens pro quatuor primis notis numeri quaesiti.
- 2) Subtrahatur Logarithmus inuentus ex Logarithmo dato, et residuo addantur tot cyphrae, quot figurae vltra quatuor inuentas quaeruntur.
- 3) Diuidatur residuum sic augmentatum per differentiam Logarithmi inuenti et proxime sequentis, et Quotus scribatur post quatuor notas inuentas. Tum respiciatur Characteristica Logarithmi dati, quae ostendet numerum integrum et fractionem numeri quaesiti.

Quaeratur e. g. numerus Logarithmo 4.5524118 respondens.

Logarithmus, qui in Tabula inuenitur, neglecta Characteristica, dato proxime minor, est 3.5523031, respondens numero 3567, qui continet primas quatuor figuras numeri quaesiti. Logarithmo hoc subtracto ex dato relinquitur 1087, qui numerus auctus 3 cyphris, fit 1087000, et si per 1217, differentiam Logarithmi inuenti et proxime sequentis, diuidatur, Quotus erit 894, qui post 3567 positus dabit numerum 3567894. Quia autem Characteristica dati Logarithmi est 4, numerus quaesitus erit 35678 $\frac{94}{100}$.

Tabula *quarta* continet Quadrata et Cubos, *quinta* autem et vltima Radices quadratas et cubicas numerorum naturali serie progredientium ab 1 ad 1000. Si e maioribus numeris Radix extrahenda sit, his Tabulis saltem ad minuendum laborem vti possumus.

Sit e. g. Radix quadrata e numero 92948881 extrahenda.

- 1) Distinguaturs datus numerus in classes, binas notas vniciuique classi assignando, initio a dextra facto.
- 2) Quaeratur in Tabula numerus quadratus notis, quae priores tres classes occupant, (929488) vel aequalis, aut, si aequalis non inueniatur, eodem proxime minor, et subtrahatur a numero dato numerus inuentus (929296), cuius Radix (964) tres priores partes Radicis quaesitae continet.

T A B V L A
LOGARITHMORVM

PRO

NVMERIS NATVRALI SERIE

CRESCENTIBVS

AB 1 VSQVE AD 10000.



Q 3

T A B U L A

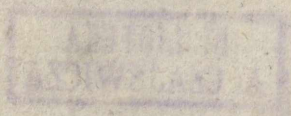
LOGARITHMORUM

TRO

NUMERIS NATURALI SERIE

CRESCENTIBUS

ANNO 1600



N.	Logarith.	N.	Logarith.	N.	Logarith.
1	0.0000000	34	1.5314789	67	1.8260748
2	0.3010300	35	1.5440680	68	1.8325089
3	0.4771213	36	1.5563025	69	1.8388491
4	0.6020600	37	1.5682017	70	1.8450980
5	0.6989700	38	1.5797836	71	1.8512583
6	0.7781513	39	1.5910646	72	1.8573325
7	0.8450980	40	1.6020600	73	1.8633229
8	0.9030900	41	1.6127839	74	1.8692317
9	0.9542425	42	1.6232493	75	1.8750613
10	1.0000000	43	1.6334685	76	1.8808136
11	1.0413927	44	1.6434527	77	1.8864907
12	1.0791812	45	1.6532125	78	1.8920946
13	1.1139434	46	1.6627578	79	1.8976271
14	1.1461280	47	1.6720979	80	1.9030900
15	1.1760913	48	1.6812412	81	1.9084850
16	1.2041200	49	1.6901961	82	1.9138139
17	1.2304489	50	1.6989700	83	1.9190781
18	1.2552725	51	1.7075702	84	1.9242793
19	1.2787536	52	1.7160033	85	1.9294189
20	1.3010300	53	1.7242759	86	1.9344985
21	1.3222193	54	1.7323938	87	1.9395193
22	1.3424227	55	1.7403627	88	1.9444827
23	1.3617278	56	1.7481880	89	1.9493900
24	1.3802112	57	1.7558749	90	1.9542425
25	1.3979400	58	1.7634280	91	1.9590414
26	1.4149733	59	1.7708520	92	1.9637878
27	1.4313638	60	1.7781513	93	1.9684829
28	1.4471580	61	1.7853298	94	1.9731279
29	1.4623980	62	1.7923917	95	1.9777236
30	1.4771213	63	1.7993405	96	1.9822712
31	1.4913617	64	1.8061800	97	1.9867717
32	1.5051500	65	1.8129134	98	1.9912261
33	1.5185139	66	1.8195439	99	1.9956352
34	1.5314789	67	1.8260748	100	2.0000000

N.	Logarith.	N.	Logarith.	N.	Logarith.
101	2.0043214	134	2.1271048	167	2.2227165
102	2.0086002	135	2.1303338	168	2.2253093
103	2.0128372	136	2.1335389	169	2.2278867
104	2.0170333	137	2.1367206	170	2.2304489
105	2.0211893	138	2.1398791	171	2.2329961
106	2.0253059	139	2.1430148	172	2.2355284
107	2.0293838	140	2.1461280	173	2.2380461
108	2.0334238	141	2.1492191	174	2.2405492
109	2.0374265	142	2.1522883	175	2.2430380
110	2.0413927	143	2.1553360	176	2.2455127
111	2.0453230	144	2.1583625	177	2.2479733
112	2.0492180	145	2.1613680	178	2.2504200
113	2.0530784	146	2.1643529	179	2.2528530
114	2.0569049	147	2.1673173	180	2.2552725
115	2.0606978	148	2.1702617	181	2.2576786
116	2.0644580	149	2.1731863	182	2.2600714
117	2.0681859	150	2.1760913	183	2.2624511
118	2.0718820	151	2.1789769	184	2.2648178
119	2.0755470	152	2.1818436	185	2.2671717
120	2.0791812	153	2.1846914	186	2.2695129
121	2.0827854	154	2.1875207	187	2.2718416
122	2.0863598	155	2.1903317	188	2.2741578
123	2.0899051	156	2.1931246	189	2.2764618
124	2.0934217	157	2.1958997	190	2.2787536
125	2.0969100	158	2.1986571	191	2.2810334
126	2.1003705	159	2.2013971	192	2.2833012
127	2.1038037	160	2.2041200	193	2.2855573
128	2.1072100	161	2.2068259	194	2.2878017
129	2.1105897	162	2.2095150	195	2.2900346
130	2.1139434	163	2.2121876	196	2.2922561
131	2.1172713	164	2.2148438	197	2.2944662
132	2.1205739	165	2.2174839	198	2.2966652
133	2.1238516	166	2.2201081	199	2.2988531
134	2.1271048	167	2.2227165	200	2.3010300

N.	Logarith.	N.	Logarith.	N.	Logarith.
201	2.3031961	234	2.3692159	267	2.4265113
202	2.3053514	235	2.3710679	268	2.4281348
203	2.3074960	236	2.3729120	269	2.4297523
204	2.3096302	237	2.3747483	270	2.4313638
205	2.3117539	238	2.3765770	271	2.4329693
206	2.3138672	239	2.3783979	272	2.4345689
207	2.3159703	240	2.3802112	273	2.4361626
208	2.3180633	241	2.3820170	274	2.4377506
209	2.3201463	242	2.3838154	275	2.4393327
210	2.3222193	243	2.3856063	276	2.4409091
211	2.3242825	244	2.3873898	277	2.4424798
212	2.3263359	245	2.3891661	278	2.4440448
213	2.3283796	246	2.3909351	279	2.4456042
214	2.3304138	247	2.3926970	280	2.4471580
215	2.3324385	248	2.3944517	281	2.4487063
216	2.3344538	249	2.3961993	282	2.4502491
217	2.3364597	250	2.3979400	283	2.4517864
218	2.3384565	251	2.3996737	284	2.4533183
219	2.3404441	252	2.4014005	285	2.4548449
220	2.3424227	253	2.4031205	286	2.4563660
221	2.3443923	254	2.4048337	287	2.4578819
222	2.3463530	255	2.4065402	288	2.4593925
223	2.3483049	256	2.4082400	289	2.4608978
224	2.3502480	257	2.4099331	290	2.4623980
225	2.3521825	258	2.4116197	291	2.4638930
226	2.3541084	259	2.4132998	292	2.4653829
227	2.3560259	260	2.4149733	293	2.4668676
228	2.3579348	261	2.4166405	294	2.4683473
229	2.3598355	262	2.4183013	295	2.4698220
230	2.3617278	263	2.4199557	296	2.4712917
231	2.3636120	264	2.4216039	297	2.4727564
232	2.3654880	265	2.4232459	298	2.4742163
233	2.3673559	266	2.4248816	299	2.4756712
234	2.3692159	267	2.4265113	300	2.4771213

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
301	2.4785665	334	2.5237465	367	2.5646661
302	2.4800069	335	2.5250448	368	2.5658478
303	2.4814426	336	2.5263393	369	2.5670264
304	2.4828736	337	2.5276299	370	2.5682017
305	2.4842998	338	2.5289167	371	2.5693739
306	2.4857214	339	2.5301997	372	2.5705429
307	2.4871384	340	2.5314789	373	2.5717088
308	2.4885507	341	2.5327544	374	2.5728716
309	2.4899585	342	2.5340261	375	2.5740313
310	2.4913617	343	2.5352941	376	2.5751878
311	2.4927604	344	2.5365584	377	2.5763414
312	2.4941546	345	2.5378191	378	2.5774918
313	2.4955443	346	2.5390761	379	2.5786392
314	2.4969296	347	2.5403295	380	2.5797836
315	2.4983106	348	2.5415792	381	2.5809250
316	2.4996871	349	2.5428254	382	2.5820634
317	2.5010593	350	2.5440680	383	2.5831988
318	2.5024271	351	2.5453071	384	2.5843312
319	2.5037907	352	2.5465427	385	2.5854607
320	2.5051500	353	2.5477747	386	2.5865873
321	2.5065050	354	2.5490033	387	2.5877110
322	2.5078559	355	2.5502284	388	2.5888317
323	2.5092025	356	2.5514500	389	2.5899496
324	2.5105450	357	2.5526682	390	2.5910646
325	2.5118834	358	2.5538830	391	2.5921768
326	2.5132176	359	2.5550944	392	2.5932861
327	2.5145478	360	2.5563025	393	2.5943926
328	2.5158738	361	2.5575072	394	2.5954962
329	2.5171959	362	2.5587686	395	2.5965971
330	2.5185139	363	2.5599066	396	2.5976952
331	2.5198280	364	2.5611014	397	2.5987905
332	2.5211381	365	2.5622929	398	2.5998831
333	2.5224442	366	2.5634813	399	2.6009729
334	2.5237465	367	2.5646661	400	2.6020600

N.	Logarith.	N.	Logarith.	N.	Logarith.
401	2.6031444	434	2.6374897	467	2.6693169
402	2.6042261	435	2.6384893	468	2.6702459
403	2.6053050	436	2.6394865	469	2.6711728
404	2.6063814	437	2.6404814	470	2.6720979
405	2.6074550	438	2.6414741	471	2.6730209
406	2.6085260	439	2.6424645	472	2.6739420
407	2.6095944	440	2.6434527	473	2.6748611
408	2.6106602	441	2.6444386	474	2.6757783
409	2.6117233	442	2.6454223	475	2.6766936
410	2.6127839	443	2.6464037	476	2.6776070
411	2.6138418	444	2.6473830	477	2.6785184
412	2.6148972	445	2.6483600	478	2.6794279
413	2.6159501	446	2.6493349	479	2.6803355
414	2.6170003	447	2.6503075	480	2.6812412
415	2.6180481	448	2.6512780	481	2.6821451
416	2.6190933	449	2.6522463	482	2.6830470
417	2.6201361	450	2.6532125	483	2.6839471
418	2.6211763	451	2.6541765	484	2.6848454
419	2.6222140	452	2.6551384	485	2.6857417
420	2.6232493	453	2.6560982	486	2.6866363
421	2.6242821	454	2.6570559	487	2.6875290
422	2.6253125	455	2.6580114	488	2.6884198
423	2.6263404	456	2.6589648	489	2.6893089
424	2.6273659	457	2.6599162	490	2.6901961
425	2.6283889	458	2.6608655	491	2.6910815
426	2.6294096	459	2.6618127	492	2.6919651
427	2.6304279	460	2.6627578	493	2.6928469
428	2.6314438	461	2.6637009	494	2.6937269
429	2.6324573	462	2.6646420	495	2.6946052
430	2.6334685	463	2.6655810	496	2.6954817
431	2.6344773	464	2.6665180	497	2.6963564
432	2.6354837	465	2.6674530	498	2.6972293
433	2.6364879	466	2.6683859	499	2.6981005
434	2.6374897	467	2.6693169	500	2.6989700

N.	Logarith.	N.	Logarith.	N.	Logarith.
501	2.6998377	534	2.7275413	567	2.7535831
502	2.7007037	535	2.7283538	568	2.7543483
503	2.7015680	536	2.7291648	569	2.7551123
504	2.7024305	537	2.7299743	570	2.7558749
505	2.7032914	538	2.7307823	571	2.7566361
506	2.7041505	539	2.7315888	572	2.7573960
507	2.7050080	540	2.7323938	573	2.7581546
508	2.7058637	541	2.7331973	574	2.7589119
509	2.7067178	542	2.7339993	575	2.7596678
510	2.7075702	543	2.7347998	576	2.7604225
511	2.7084209	544	2.7355989	577	2.7611758
512	2.7092700	545	2.7363965	578	2.7619278
513	2.7101174	546	2.7371926	579	2.7626786
514	2.7109631	547	2.7379873	580	2.7634280
515	2.7118072	548	2.7387806	581	2.7641761
516	2.7126497	549	2.7395723	582	2.7649230
517	2.7134905	550	2.7403627	583	2.7656686
518	2.7143298	551	2.7411516	584	2.7664128
519	2.7151674	552	2.7419391	585	2.7671559
520	2.7160033	553	2.7427251	586	2.7678976
521	2.7168377	554	2.7435098	587	2.7686381
522	2.7176705	555	2.7442930	588	2.7693773
523	2.7185017	556	2.7450748	589	2.7701153
524	2.7193313	557	2.7458552	590	2.7708520
525	2.7201593	558	2.7466342	591	2.7715875
526	2.7209857	559	2.7474118	592	2.7723217
527	2.7218106	560	2.7481880	593	2.7730547
528	2.7226339	561	2.7489629	594	2.7737864
529	2.7234557	562	2.7497363	595	2.7745170
530	2.7242759	563	2.7505084	596	2.7752463
531	2.7250945	564	2.7512791	597	2.7759743
532	2.7259116	565	2.7520484	598	2.7767012
533	2.7267272	566	2.7528164	599	2.7774268
534	2.7275413	567	2.7535831	600	2.7781513

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
601	2.7788745	634	2.8020893	667	2.8241258
602	2.7795965	635	2.8027737	668	2.8247765
603	2.7803173	636	2.8034571	669	2.8254261
604	2.7810369	637	2.8041394	670	2.8260748
605	2.7817554	638	2.8048207	671	2.8267225
606	2.7824726	639	2.8055009	672	2.8273693
607	2.7831887	640	2.8061800	673	2.8280151
608	2.7839036	641	2.8068580	674	2.8286599
609	2.7846173	642	2.8075350	675	2.8293038
610	2.7853298	643	2.8082110	676	2.8299467
611	2.7860412	644	2.8088859	677	2.8305887
612	2.7867514	645	2.8095597	678	2.8312297
613	2.7874605	646	2.8102325	679	2.8318698
614	2.7881684	647	2.8109043	680	2.8325089
615	2.7888751	648	2.8115750	681	2.8331471
616	2.7895807	649	2.8122447	682	2.8337844
617	2.7902852	650	2.8129134	683	2.8344207
618	2.7909885	651	2.8135810	684	2.8350561
619	2.7916906	652	2.8142476	685	2.8356906
620	2.7923917	653	2.8149132	686	2.8363241
621	2.7930916	654	2.8155777	687	2.8369567
622	2.7937904	655	2.8162413	688	2.8375884
623	2.7944880	656	2.8169038	689	2.8382192
624	2.7951846	657	2.8175654	690	2.8388491
625	2.7958800	658	2.8182259	691	2.8394780
626	2.7965743	659	2.8188854	692	2.8401061
627	2.7972675	660	2.8195439	693	2.8407332
628	2.7979596	661	2.8202015	694	2.8413595
629	2.7986506	662	2.8208580	695	2.8419848
630	2.7993405	663	2.8215135	696	2.8426092
631	2.8000294	664	2.8221681	697	2.8432328
632	2.8007171	665	2.8228216	698	2.8438554
633	2.8014037	666	2.8234742	699	2.8444772
634	2.8020893	667	2.8241258	700	2.8450980

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
701	2.8457180	734	2.8656961	767	2.8847954
702	2.8463371	735	2.8662873	768	2.8853612
703	2.8469553	736	2.8668778	769	2.8859263
704	2.8475727	737	2.8674675	770	2.8864907
705	2.8481891	738	2.8680564	771	2.8870544
706	2.8488047	739	2.8686444	772	2.8876173
707	2.8494194	740	2.8692317	773	2.8881795
708	2.8500333	741	2.8698182	774	2.8887410
709	2.8506462	742	2.8704039	775	2.8893017
710	2.8512583	743	2.8709888	776	2.8898617
711	2.8518696	744	2.8715729	777	2.8904210
712	2.8524800	745	2.8721563	778	2.8909796
713	2.8530895	746	2.8727388	779	2.8915375
714	2.8536982	747	2.8733206	780	2.8920946
715	2.8543060	748	2.8739016	781	2.8926510
716	2.8549130	749	2.8744818	782	2.8932068
717	2.8555192	750	2.8750613	783	2.8937618
718	2.8561244	751	2.8756399	784	2.8943161
719	2.8567289	752	2.8762178	785	2.8948697
720	2.8573325	753	2.8767950	786	2.8954225
721	2.8579353	754	2.8773713	787	2.8959747
722	2.8585372	755	2.8779470	788	2.8965262
723	2.8591383	756	2.8785218	789	2.8970770
724	2.8597386	757	2.8790959	790	2.8976271
725	2.8603380	758	2.8796692	791	2.8981765
726	2.8609366	759	2.8802418	792	2.8987252
727	2.8615344	760	2.8808136	793	2.8992732
728	2.8621314	761	2.8813847	794	2.8998205
729	2.8627275	762	2.8819550	795	2.9003671
730	2.8633229	763	2.8825245	796	2.9009131
731	2.8639174	764	2.8830934	797	2.9014583
732	2.8645111	765	2.8836614	798	2.9020029
733	2.8651040	766	2.8842288	799	2.9025468
734	2.8656961	767	2.8847954	800	2.9030900

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
801	2.9036325	834	2.9211661	867	2.9380191
802	2.9041744	835	2.9216865	868	2.9385197
803	2.9047155	836	2.9222063	869	2.9390198
804	2.9052560	837	2.9227255	870	2.9395193
805	2.9057959	838	2.9232440	871	2.9400182
806	2.9063350	839	2.9237620	872	2.9405165
807	2.9068735	840	2.9242793	873	2.9410142
808	2.9074114	841	2.9247960	874	2.9415114
809	2.9079485	842	2.9253121	875	2.9420081
810	2.9084850	843	2.9258276	876	2.9425041
811	2.9090209	844	2.9263424	877	2.9429996
812	2.9095560	845	2.9268567	878	2.9434945
813	2.9100905	846	2.9273704	879	2.9439889
814	2.9106244	847	2.9278834	880	2.9444827
815	2.9111576	848	2.9283959	881	2.9449759
816	2.9116902	849	2.9289077	882	2.9454686
817	2.9122221	850	2.9294189	883	2.9459607
818	2.9127533	851	2.9299296	884	2.9464523
819	2.9132839	852	2.9304396	885	2.9469433
820	2.9138139	853	2.9309490	886	2.9474337
821	2.9143432	854	2.9314579	887	2.9479236
822	2.9148718	855	2.9319661	888	2.9484130
823	2.9153998	856	2.9324738	889	2.9489018
824	2.9159272	857	2.9329808	890	2.9493900
825	2.9164539	858	2.9334873	891	2.9498777
826	2.9169800	859	2.9339932	892	2.9503649
827	2.9175055	860	2.9344985	893	2.9508515
828	2.9180303	861	2.9350032	894	2.9513375
829	2.9185545	862	2.9355073	895	2.9518230
830	2.9190781	863	2.9360108	896	2.9523080
831	2.9196010	864	2.9365137	897	2.9527924
832	2.9201233	865	2.9370161	898	2.9532763
833	2.9206450	866	2.9375179	899	2.9537597
834	2.9211661	867	2.9380191	900	2.9542425

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
901	2.9547248	934	2.9703469	967	2.9854265
902	2.9552065	935	2.9708116	968	2.9858754
903	2.9556878	936	2.9712758	969	2.9863238
904	2.9561684	937	2.9717396	970	2.9867717
905	2.9566486	938	2.9722028	971	2.9872192
906	2.9571282	939	2.9726656	972	2.9876663
907	2.9576073	940	2.9731279	973	2.9881128
908	2.9580858	941	2.9735896	974	2.9885590
909	2.9585639	942	2.9740509	975	2.9890046
910	2.9590414	943	2.9745117	976	2.9894498
911	2.9595184	944	2.9749720	977	2.9898946
912	2.9599948	945	2.9754318	978	2.9903389
913	2.9604708	946	2.9758911	979	2.9907827
914	2.9609462	947	2.9763500	980	2.9912261
915	2.9614211	948	2.9768083	981	2.9916690
916	2.9618955	949	2.9772662	982	2.9921115
917	2.9623693	950	2.9777236	983	2.9925535
918	2.9628427	951	2.9781805	984	2.9929951
919	2.9633155	952	2.9786369	985	2.9934362
920	2.9637878	953	2.9790929	986	2.9938769
921	2.9642596	954	2.9795484	987	2.9943172
922	2.9647309	955	2.9800034	988	2.9947569
923	2.9652017	956	2.9804579	989	2.9951963
924	2.9656720	957	2.9809119	990	2.9956352
925	2.9661417	958	2.9813655	991	2.9960737
926	2.9666110	959	2.9818186	992	2.9965117
927	2.9670797	960	2.9822712	993	2.9969492
928	2.9675480	961	2.9827234	994	2.9973864
929	2.9680157	962	2.9831751	995	2.9978231
930	2.9684829	963	2.9836263	996	2.9982593
931	2.9689497	964	2.9840770	997	2.9986952
932	2.9694159	965	2.9845273	998	2.9991305
933	2.9698816	966	2.9849771	999	2.9995655
934	2.9703469	967	2.9854265	1000	3.0000000

N.	Logarith.	N.	Logarith.	N.	Logarith.
1001	3.0004341	1034	3.0145205	1067	3.0281644
1002	3.0008677	1035	3.0149403	1068	3.0285713
1003	3.0013009	1036	3.0153598	1069	3.0289777
1004	3.0017337	1037	3.0157788	1070	3.0293838
1005	3.0021661	1038	3.0161974	1071	3.0297895
1006	3.0025980	1039	3.0166155	1072	3.0301948
1007	3.0030295	1040	3.0170333	1073	3.0305997
1008	3.0034605	1041	3.0174507	1074	3.0310043
1009	3.0038912	1042	3.0178677	1075	3.0314085
1010	3.0043214	1043	3.0182843	1076	3.0318123
1011	3.0047512	1044	3.0187005	1077	3.0322157
1012	3.0051805	1045	3.0191163	1078	3.0326188
1013	3.0056094	1046	3.0195317	1079	3.0330214
1014	3.0060380	1047	3.0199467	1080	3.0334238
1015	3.0064660	1048	3.0203613	1081	3.0338257
1016	3.0068937	1049	3.0207755	1082	3.0342273
1017	3.0073210	1050	3.0211893	1083	3.0346285
1018	3.0077478	1051	3.0216027	1084	3.0350293
1019	3.0081742	1052	3.0220157	1085	3.0354297
1020	3.0086002	1053	3.0224284	1086	3.0358298
1021	3.0090257	1054	3.0228406	1087	3.0362295
1022	3.0094509	1055	3.0232525	1088	3.0366289
1023	3.0098756	1056	3.0236639	1089	3.0370279
1024	3.0103000	1057	3.0240750	1090	3.0374265
1025	3.0107239	1058	3.0244857	1091	3.0378248
1026	3.0111474	1059	3.0248960	1092	3.0382226
1027	3.0115704	1060	3.0253059	1093	3.0386202
1028	3.0119931	1061	3.0257154	1094	3.0390173
1029	3.0124154	1062	3.0261245	1095	3.0394141
1030	3.0128372	1063	3.0265333	1096	3.0398106
1031	3.0132587	1064	3.0269416	1097	3.0402066
1032	3.0136797	1065	3.0273496	1098	3.0406023
1033	3.0141003	1066	3.0277572	1099	3.0409977
1034	3.0145205	1067	3.0281644	1100	3.0413927

N.	Logarith.	N.	Logarith.	N.	Logarith.
1101	3.0417873	1134	3.0546131	1167	3.0670709
1102	3.0421816	1135	3.0549959	1168	3.0674428
1103	3.0425755	1136	3.0553783	1169	3.0678145
1104	3.0429691	1137	3.0557605	1170	3.0681859
1105	3.0433623	1138	3.0561423	1171	3.0685569
1106	3.0437551	1139	3.0565237	1172	3.0689276
1107	3.0441476	1140	3.0569049	1173	3.0692980
1108	3.0445398	1141	3.0572856	1174	3.0696681
1109	3.0449315	1142	3.0576661	1175	3.0700379
1110	3.0453230	1143	3.0580462	1176	3.0704073
1111	3.0457141	1144	3.0584260	1177	3.0707765
1112	3.0461048	1145	3.0588055	1178	3.0711453
1113	3.0464952	1146	3.0591846	1179	3.0715138
1114	3.0468852	1147	3.0595634	1180	3.0718820
1115	3.0472749	1148	3.0599419	1181	3.0722499
1116	3.0476642	1149	3.0603200	1182	3.0726175
1117	3.0480532	1150	3.0606978	1183	3.0729847
1118	3.0484418	1151	3.0610753	1184	3.0733517
1119	3.0488301	1152	3.0614525	1185	3.0737184
1120	3.0492180	1153	3.0618293	1186	3.0740847
1121	3.0496056	1154	3.0622058	1187	3.0744507
1122	3.0499929	1155	3.0625820	1188	3.0748164
1123	3.0503798	1156	3.0629578	1189	3.0751819
1124	3.0507663	1157	3.0633334	1190	3.0755470
1125	3.0511525	1158	3.0637086	1191	3.0759118
1126	3.0515384	1159	3.0640834	1192	3.0762763
1127	3.0519239	1160	3.0644580	1193	3.0766404
1128	3.0523091	1161	3.0648322	1194	3.0770043
1129	3.0526939	1162	3.0652061	1195	3.0773679
1130	3.0530784	1163	3.0655797	1196	3.0777312
1131	3.0534626	1164	3.0659530	1197	3.0780942
1132	3.0538464	1165	3.0663259	1198	3.0784568
1133	3.0542299	1166	3.0666986	1199	3.0788192
1134	3.0546131	1167	3.0670709	1200	3.0791812

N.	Logarith.	N.	Logarith.	N.	Logarith.
1201	3.0795430	1234	3.0913152	1267	3.1027766
1202	3.0799045	1235	3.0916670	1268	3.1031193
1203	3.0802656	1236	3.0920185	1269	3.1034616
1204	3.0806265	1237	3.0923697	1270	3.1038037
1205	3.0809870	1238	3.0927206	1271	3.1041456
1206	3.0813473	1239	3.0930713	1272	3.1044871
1207	3.0817073	1240	3.0934217	1273	3.1048284
1208	3.0820669	1241	3.0937718	1274	3.1051694
1209	3.0824263	1242	3.0941216	1275	3.1055102
1210	3.0827854	1243	3.0944711	1276	3.1058507
1211	3.0831441	1244	3.0948204	1277	3.1061909
1212	3.0835026	1245	3.0951694	1278	3.1065309
1213	3.0838608	1246	3.0955180	1279	3.1068705
1214	3.0842187	1247	3.0958665	1280	3.1072100
1215	3.0845763	1248	3.0962146	1281	3.1075491
1216	3.0849336	1249	3.0965624	1282	3.1078880
1217	3.0852906	1250	3.0969100	1283	3.1082267
1218	3.0856473	1251	3.0972573	1284	3.1085650
1219	3.0860037	1252	3.0976043	1285	3.1089031
1220	3.0863598	1253	3.0979511	1286	3.1092410
1221	3.0867157	1254	3.0982975	1287	3.1095785
1222	3.0870712	1255	3.0986437	1288	3.1099159
1223	3.0874265	1256	3.0989896	1289	3.1102529
1224	3.0877814	1257	3.0993353	1290	3.1105897
1225	3.0881361	1258	3.0996806	1291	3.1109262
1226	3.0884905	1259	3.1000257	1292	3.1112625
1227	3.0888446	1260	3.1003705	1293	3.1115985
1228	3.0891984	1261	3.1007151	1294	3.1119343
1229	3.0895519	1262	3.1010594	1295	3.1122698
1230	3.0899051	1263	3.1014034	1296	3.1126050
1231	3.0902581	1264	3.1017471	1297	3.1129400
1232	3.0906107	1265	3.1020905	1298	3.1132747
1233	3.0909631	1266	3.1024337	1299	3.1136092
1234	3.0913152	1267	3.1027766	1300	3.1139433

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1301	3.1142773	1334	3.1251558	1367	3.1357685
1302	3.1146110	1335	3.1254813	1368	3.1360861
1303	3.1149444	1336	3.1258065	1369	3.1364034
1304	3.1152776	1337	3.1261314	1370	3.1367206
1305	3.1156105	1338	3.1264561	1371	3.1370375
1306	3.1159432	1339	3.1267806	1372	3.1373541
1307	3.1162756	1340	3.1271048	1373	3.1376705
1308	3.1166077	1341	3.1274288	1374	3.1379867
1309	3.1169396	1342	3.1277525	1375	3.1383027
1310	3.1172713	1343	3.1280760	1376	3.1386184
1311	3.1176027	1344	3.1283993	1377	3.1389339
1312	3.1179338	1345	3.1287223	1378	3.1392492
1313	3.1182647	1346	3.1290451	1379	3.1395643
1314	3.1185954	1347	3.1293676	1380	3.1398791
1315	3.1189258	1348	3.1296899	1381	3.1401937
1316	3.1192559	1349	3.1300119	1382	3.1405080
1317	3.1195858	1350	3.1303338	1383	3.1408222
1318	3.1199154	1351	3.1306553	1384	3.1411361
1319	3.1202448	1352	3.1309767	1385	3.1414498
1320	3.1205739	1353	3.1312978	1386	3.1417632
1321	3.1209028	1354	3.1316187	1387	3.1420765
1322	3.1212315	1355	3.1319393	1388	3.1423895
1323	3.1215598	1356	3.1322597	1389	3.1427022
1324	3.1218880	1357	3.1325798	1390	3.1430148
1325	3.1222159	1358	3.1328998	1391	3.1433271
1326	3.1225435	1359	3.1332195	1392	3.1436392
1327	3.1228709	1360	3.1335389	1393	3.1439511
1328	3.1231981	1361	3.1338581	1394	3.1442628
1329	3.1235250	1362	3.1341771	1395	3.1445742
1330	3.1238516	1363	3.1344959	1396	3.1448854
1331	3.1241781	1364	3.1348144	1397	3.1451964
1332	3.1245042	1365	3.1351327	1398	3.1455072
1333	3.1248301	1366	3.1354507	1399	3.1458177
1334	3.1251558	1367	3.1357685	1400	3.1461280

N.	Logarith.	N.	Logarith.	N.	Logarith.
1401	3.1464381	1434	3.1565492	1467	3.1664301
1402	3.1467480	1435	3.1568519	1468	3.1667261
1403	3.1470577	1436	3.1571544	1469	3.1670218
1404	3.1473671	1437	3.1574568	1470	3.1673173
1405	3.1476763	1438	3.1577589	1471	3.1676127
1406	3.1479853	1439	3.1580608	1472	3.1679078
1407	3.1482941	1440	3.1583625	1473	3.1682027
1408	3.1486027	1441	3.1586640	1474	3.1684975
1409	3.1489110	1442	3.1589653	1475	3.1687920
1410	3.1492191	1443	3.1592663	1476	3.1690864
1411	3.1495270	1444	3.1595672	1477	3.1693805
1412	3.1498347	1445	3.1598678	1478	3.1696744
1413	3.1501422	1446	3.1601683	1479	3.1699682
1414	3.1504494	1447	3.1604685	1480	3.1702617
1415	3.1507564	1448	3.1607686	1481	3.1705551
1416	3.1510633	1449	3.1610684	1482	3.1708482
1417	3.1513699	1450	3.1613680	1483	3.1711412
1418	3.1516762	1451	3.1616674	1484	3.1714339
1419	3.1519824	1452	3.1619666	1485	3.1717265
1420	3.1522883	1453	3.1622656	1486	3.1720188
1421	3.1525941	1454	3.1625644	1487	3.1723110
1422	3.1528996	1455	3.1628630	1488	3.1726029
1423	3.1532049	1456	3.1631614	1489	3.1728947
1424	3.1535100	1457	3.1634596	1490	3.1731863
1425	3.1538149	1458	3.1637575	1491	3.1734776
1426	3.1541195	1459	3.1640553	1492	3.1737688
1427	3.1544240	1460	3.1643529	1493	3.1740598
1428	3.1547282	1461	3.1646502	1494	3.1743506
1429	3.1550322	1462	3.1649474	1495	3.1746412
1430	3.1553360	1463	3.1652443	1496	3.1749316
1431	3.1556396	1464	3.1655411	1497	3.1752218
1432	3.1559430	1465	3.1658376	1498	3.1755118
1433	3.1562462	1466	3.1661340	1499	3.1758016
1434	3.1565492	1467	3.1664301	1500	3.1760913

N.	Logarith.	N.	Logarith.	N.	Logarith.
1501	3.1763807	1534	3.1858254	1567	3.1950690
1502	3.1766699	1535	3.1861084	1568	3.1953461
1503	3.1769590	1536	3.1863912	1569	3.1956229
1504	3.1772478	1537	3.1866739	1570	3.1958997
1505	3.1775365	1538	3.1869563	1571	3.1961762
1506	3.1778250	1539	3.1872386	1572	3.1964525
1507	3.1781133	1540	3.1875207	1573	3.1967287
1508	3.1784013	1541	3.1878026	1574	3.1970047
1509	3.1786892	1542	3.1880844	1575	3.1972806
1510	3.1789769	1543	3.1883659	1576	3.1975562
1511	3.1792645	1544	3.1886473	1577	3.1978317
1512	3.1795518	1545	3.1889285	1578	3.1981070
1513	3.1798389	1546	3.1892095	1579	3.1983821
1514	3.1801259	1547	3.1894903	1580	3.1986571
1515	3.1804126	1548	3.1897710	1581	3.1989319
1516	3.1806992	1549	3.1900514	1582	3.1992065
1517	3.1809856	1550	3.1903317	1583	3.1994809
1518	3.1812718	1551	3.1906118	1584	3.1997552
1519	3.1815578	1552	3.1908917	1585	3.2000293
1520	3.1818436	1553	3.1911715	1586	3.2003032
1521	3.1821292	1554	3.1914510	1587	3.2005769
1522	3.1824147	1555	3.1917304	1588	3.2008505
1523	3.1826999	1556	3.1920096	1589	3.2011239
1524	3.1829850	1557	3.1922886	1590	3.2013971
1525	3.1832698	1558	3.1925675	1591	3.2016702
1526	3.1835545	1559	3.1928461	1592	3.2019431
1527	3.1838390	1560	3.1931246	1593	3.2022158
1528	3.1841234	1561	3.1934029	1594	3.2024883
1529	3.1844075	1562	3.1936810	1595	3.2027607
1530	3.1846914	1563	3.1939590	1596	3.2030329
1531	3.1849752	1564	3.1942367	1597	3.2033049
1532	3.1852588	1565	3.1945143	1598	3.2035768
1533	3.1855422	1566	3.1947918	1599	3.2038485
1534	3.1858254	1567	3.1950690	1600	3.2041200

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1601	3.2043913	1634	3.2132521	1667	3.2219356
1602	3.2046625	1635	3.2135178	1668	3.2221960
1603	3.2049335	1636	3.2137833	1669	3.2224563
1604	3.2052044	1637	3.2140487	1670	3.2227165
1605	3.2054750	1638	3.2143139	1671	3.2229764
1606	3.2057455	1639	3.2145790	1672	3.2232363
1607	3.2060159	1640	3.2148438	1673	3.2234959
1608	3.2062860	1641	3.2151086	1674	3.2237555
1609	3.2065560	1642	3.2153732	1675	3.2240148
1610	3.2068259	1643	3.2156376	1676	3.2242740
1611	3.2070955	1644	3.2159018	1677	3.2245331
1612	3.2073650	1645	3.2161659	1678	3.2247920
1613	3.2076344	1646	3.2164298	1679	3.2250507
1614	3.2079035	1647	3.2166936	1680	3.2253093
1615	3.2081725	1648	3.2169572	1681	3.2255677
1616	3.2084414	1649	3.2172207	1682	3.2258260
1617	3.2087100	1650	3.2174839	1683	3.2260841
1618	3.2089785	1651	3.2177471	1684	3.2263421
1619	3.2092468	1652	3.2180100	1685	3.2265999
1620	3.2095150	1653	3.2182729	1686	3.2268576
1621	3.2097830	1654	3.2185355	1687	3.2271151
1622	3.2100508	1655	3.2187980	1688	3.2273724
1623	3.2103185	1656	3.2190603	1689	3.2276296
1624	3.2105860	1657	3.2193225	1690	3.2278867
1625	3.2108534	1658	3.2195845	1691	3.2281436
1626	3.2111205	1659	3.2198464	1692	3.2284004
1627	3.2113876	1660	3.2201081	1693	3.2286570
1628	3.2116544	1661	3.2203696	1694	3.2289134
1629	3.2119211	1662	3.2206310	1695	3.2291697
1630	3.2121876	1663	3.2208922	1696	3.2294258
1631	3.2124540	1664	3.2211533	1697	3.2296818
1632	3.2127202	1665	3.2214142	1698	3.2299377
1633	3.2129862	1666	3.2216750	1699	3.2301934
1634	3.2132521	1667	3.2219356	1700	3.2304489

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1701	3.2307043	1734	3.2390491	1767	3.2472365
1702	3.2309596	1735	3.2392995	1768	3.2474823
1703	3.2312146	1736	3.2395497	1769	3.2477278
1704	3.2314696	1737	3.2397998	1770	3.2479733
1705	3.2317244	1738	3.2400498	1771	3.2482186
1706	3.2319790	1739	3.2402996	1772	3.2484637
1707	3.2322335	1740	3.2405492	1773	3.2487087
1708	3.2324879	1741	3.2407988	1774	3.2489536
1709	3.2327421	1742	3.2410482	1775	3.2491984
1710	3.2329961	1743	3.2412974	1776	3.2494430
1711	3.2332500	1744	3.2415465	1777	3.2496874
1712	3.2335038	1745	3.2417954	1778	3.2499318
1713	3.2337574	1746	3.2420442	1779	3.2501759
1714	3.2340108	1747	3.2422929	1780	3.2504200
1715	3.2342641	1748	3.2425414	1781	3.2506639
1716	3.2345173	1749	3.2427898	1782	3.2509077
1717	3.2347703	1750	3.2430380	1783	3.2511513
1718	3.2350232	1751	3.2432861	1784	3.2513949
1719	3.2352759	1752	3.2435341	1785	3.2516382
1720	3.2355284	1753	3.2437819	1786	3.2518815
1721	3.2357809	1754	3.2440296	1787	3.2521246
1722	3.2360331	1755	3.2442771	1788	3.2523675
1723	3.2362853	1756	3.2445245	1789	3.2526103
1724	3.2365373	1757	3.2447718	1790	3.2528530
1725	3.2367891	1758	3.2450189	1791	3.2530956
1726	3.2370408	1759	3.2452658	1792	3.2533380
1727	3.2372923	1760	3.2455127	1793	3.2535803
1728	3.2375437	1761	3.2457594	1794	3.2538224
1729	3.2377950	1762	3.2460059	1795	3.2540645
1730	3.2380461	1763	3.2462523	1796	3.2543063
1731	3.2382971	1764	3.2464986	1797	3.2545481
1732	3.2385479	1765	3.2467447	1798	3.2547897
1733	3.2387986	1766	3.2469907	1799	3.2550312
1734	3.2390491	1767	3.2472365	1800	3.2552725

N.	Logarith.	N.	Logarith.	N.	Logarith.
1801	3.2555137	1834	3.2633993	1867	3.2711443
1802	3.2557548	1835	3.2636361	1868	3.2713769
1803	3.2559957	1836	3.2638727	1869	3.2716093
1804	3.2562365	1837	3.2641092	1870	3.2718416
1805	3.2564772	1838	3.2643455	1871	3.2720738
1806	3.2567177	1839	3.2645817	1872	3.2723058
1807	3.2569582	1840	3.2648178	1873	3.2725378
1808	3.2571984	1841	3.2650538	1874	3.2727696
1809	3.2574386	1842	3.2652896	1875	3.2730013
1810	3.2576786	1843	3.2655253	1876	3.2732328
1811	3.2579185	1844	3.2657609	1877	3.2734643
1812	3.2581582	1845	3.2659964	1878	3.2736956
1813	3.2583978	1846	3.2662317	1879	3.2739268
1814	3.2586373	1847	3.2664669	1880	3.2741578
1815	3.2588766	1848	3.2667020	1881	3.2743888
1816	3.2591158	1849	3.2669369	1882	3.2746196
1817	3.2593549	1850	3.2671717	1883	3.2748503
1818	3.2595939	1851	3.2674064	1884	3.2750809
1819	3.2598327	1852	3.2676410	1885	3.2753114
1820	3.2600714	1853	3.2678754	1886	3.2755417
1821	3.2603099	1854	3.2681097	1887	3.2757719
1822	3.2605484	1855	3.2683439	1888	3.2760020
1823	3.2607867	1856	3.2685780	1889	3.2762320
1824	3.2610248	1857	3.2688119	1890	3.2764618
1825	3.2612629	1858	3.2690457	1891	3.2766915
1826	3.2615008	1859	3.2692794	1892	3.2769211
1827	3.2617385	1860	3.2695129	1893	3.2771506
1828	3.2619762	1861	3.2697464	1894	3.2773800
1829	3.2622137	1862	3.2699797	1895	3.2776092
1830	3.2624511	1863	3.2702129	1896	3.2778383
1831	3.2626883	1864	3.2704459	1897	3.2780673
1832	3.2629255	1865	3.2706788	1898	3.2782962
1833	3.2631625	1866	3.2709116	1899	3.2785250
1834	3.2633993	1867	3.2711443	1900	3.2787536

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
1901	3.2789821	1934	3.2864565	1967	3.2938044
1902	3.2792105	1935	3.2866810	1968	3.2940251
1903	3.2794388	1936	3.2869054	1969	3.2942457
1904	3.2796669	1937	3.2871296	1970	3.2944662
1905	3.2798950	1938	3.2873538	1971	3.2946866
1906	3.2801229	1939	3.2875778	1972	3.2949069
1907	3.2803507	1940	3.2878017	1973	3.2951271
1908	3.2805784	1941	3.2880255	1974	3.2953471
1909	3.2808059	1942	3.2882492	1975	3.2955671
1910	3.2810334	1943	3.2884728	1976	3.2957869
1911	3.2812607	1944	3.2886963	1977	3.2960067
1912	3.2814879	1945	3.2889196	1978	3.2962263
1913	3.2817150	1946	3.2891428	1979	3.2964458
1914	3.2819419	1947	3.2893660	1980	3.2966652
1915	3.2821688	1948	3.2895890	1981	3.2968845
1916	3.2823955	1949	3.2898118	1982	3.2971037
1917	3.2826221	1950	3.2900346	1983	3.2973227
1918	3.2828486	1951	3.2902573	1984	3.2975417
1919	3.2830750	1952	3.2904798	1985	3.2977605
1920	3.2833012	1953	3.2907022	1986	3.2979792
1921	3.2835274	1954	3.2909246	1987	3.2981979
1922	3.2837534	1955	3.2911468	1988	3.2984164
1923	3.2839793	1956	3.2913689	1989	3.2986348
1924	3.2842051	1957	3.2915908	1990	3.2988531
1925	3.2844307	1958	3.2918127	1991	3.2990713
1926	3.2846563	1959	3.2920344	1992	3.2992893
1927	3.2848817	1960	3.2922561	1993	3.2995073
1928	3.2851070	1961	3.2924776	1994	3.2997252
1929	3.2853322	1962	3.2926990	1995	3.2999429
1930	3.2855573	1963	3.2929203	1996	3.3001605
1931	3.2857823	1964	3.2931415	1997	3.3003781
1932	3.2860071	1965	3.2933626	1998	3.3005955
1933	3.2862319	1966	3.2935835	1999	3.3008128
1934	3.2864565	1967	3.2938044	2000	3.3010300

N.	Logarith.	N.	Logarith.	N.	Logarith.
2001	3.3012471	2034	3.3083509	2067	3.3153405
2002	3.3014641	2035	3.3085644	2068	3.3155505
2003	3.3016809	2036	3.3087778	2069	3.3157605
2004	3.3018977	2037	3.3089910	2070	3.3159703
2005	3.3021144	2038	3.3092042	2071	3.3161801
2006	3.3023309	2039	3.3094172	2072	3.3163898
2007	3.3025474	2040	3.3096302	2073	3.3165993
2008	3.3027637	2041	3.3098430	2074	3.3168088
2009	3.3029799	2042	3.3100557	2075	3.3170181
2010	3.3031961	2043	3.3102684	2076	3.3172273
2011	3.3034121	2044	3.3104809	2077	3.3174365
2012	3.3036280	2045	3.3106933	2078	3.3176455
2013	3.3038438	2046	3.3109056	2079	3.3178545
2014	3.3040595	2047	3.3111178	2080	3.3180633
2015	3.3042751	2048	3.3113300	2081	3.3182721
2016	3.3044905	2049	3.3115420	2082	3.3184807
2017	3.3047059	2050	3.3117539	2083	3.3186893
2018	3.3049212	2051	3.3119657	2084	3.3188977
2019	3.3051363	2052	3.3121774	2085	3.3191061
2020	3.3053514	2053	3.3123889	2086	3.3193143
2021	3.3055663	2054	3.3126004	2087	3.3195224
2022	3.3057812	2055	3.3128118	2088	3.3197305
2023	3.3059959	2056	3.3130231	2089	3.3199384
2024	3.3062105	2057	3.3132343	2090	3.3201463
2025	3.3064250	2058	3.3134454	2091	3.3203540
2026	3.3066394	2059	3.3136563	2092	3.3205617
2027	3.3068537	2060	3.3138672	2093	3.3207692
2028	3.3070680	2061	3.3140780	2094	3.3209767
2029	3.3072820	2062	3.3142887	2095	3.3211840
2030	3.3074960	2063	3.3144992	2096	3.3213913
2031	3.3077099	2064	3.3147097	2097	3.3215984
2032	3.3079237	2065	3.3149201	2098	3.3218055
2033	3.3081374	2066	3.3151303	2099	3.3220124
2034	3.3083509	2067	3.3153405	2100	3.3222193

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
2101	3.3224261	2134	3.3291944	2167	3.3358589
2102	3.3226327	2135	3.3293979	2168	3.3360593
2103	3.3228393	2136	3.3296012	2169	3.3362596
2104	3.3230457	2137	3.3298045	2170	3.3364597
2105	3.3232521	2138	3.3300077	2171	3.3366598
2106	3.3234584	2139	3.3302108	2172	3.3368598
2107	3.3236645	2140	3.3304138	2173	3.3370597
2108	3.3238706	2141	3.3306167	2174	3.3372595
2109	3.3240766	2142	3.3308195	2175	3.3374593
2110	3.3242825	2143	3.3310222	2176	3.3376589
2111	3.3244882	2144	3.3312248	2177	3.3378584
2112	3.3246939	2145	3.3314273	2178	3.3380579
2113	3.3248995	2146	3.3316297	2179	3.3382572
2114	3.3251050	2147	3.3318320	2180	3.3384565
2115	3.3253104	2148	3.3320343	2181	3.3386557
2116	3.3255157	2149	3.3322364	2182	3.3388547
2117	3.3257209	2150	3.3324385	2183	3.3390537
2118	3.3259260	2151	3.3326404	2184	3.3392526
2119	3.3261310	2152	3.3328423	2185	3.3394514
2120	3.3263359	2153	3.3330440	2186	3.3396502
2121	3.3265407	2154	3.3332457	2187	3.3398488
2122	3.3267454	2155	3.3334473	2188	3.3400473
2123	3.3269500	2156	3.3336488	2189	3.3402458
2124	3.3271545	2157	3.3338501	2190	3.3404441
2125	3.3273589	2158	3.3340514	2191	3.3406424
2126	3.3275633	2159	3.3342526	2192	3.3408405
2127	3.3277675	2160	3.3344538	2193	3.3410386
2128	3.3279716	2161	3.3346548	2194	3.3412366
2129	3.3281757	2162	3.3348557	2195	3.3414345
2130	3.3283796	2163	3.3350565	2196	3.3416323
2131	3.3285834	2164	3.3352573	2197	3.3418301
2132	3.3287872	2165	3.3354579	2198	3.3420277
2133	3.3289909	2166	3.3356585	2199	3.3422252
2134	3.3291944	2167	3.3358589	2200	3.3424227

N.	Logarith.	N.	Logarith.	N.	Logarith.
2201	3.3426200	2234	3.3490832	2267	3.3554515
2202	3.3428173	2235	3.3492775	2268	3.3556431
2203	3.3430145	2236	3.3494718	2269	3.3558345
2204	3.3432116	2237	3.3496660	2270	3.3560259
2205	3.3434086	2238	3.3498601	2271	3.3562171
2206	3.3436055	2239	3.3500541	2272	3.3564083
2207	3.3438023	2240	3.3502480	2273	3.3565994
2208	3.3439991	2241	3.3504419	2274	3.3567905
2209	3.3441957	2242	3.3506356	2275	3.3569814
2210	3.3443923	2243	3.3508293	2276	3.3571723
2211	3.3445887	2244	3.3510229	2277	3.3573630
2212	3.3447851	2245	3.3512163	2278	3.3575537
2213	3.3449814	2246	3.3514098	2279	3.3577443
2214	3.3451776	2247	3.3516031	2280	3.3579348
2215	3.3453737	2248	3.3517963	2281	3.3581253
2216	3.3455698	2249	3.3519895	2282	3.3583156
2217	3.3457657	2250	3.3521825	2283	3.3585059
2218	3.3459615	2251	3.3523755	2284	3.3586961
2219	3.3461573	2252	3.3525684	2285	3.3588862
2220	3.3463530	2253	3.3527612	2286	3.3590762
2221	3.3465486	2254	3.3529539	2287	3.3592662
2222	3.3467441	2255	3.3531465	2288	3.3594560
2223	3.3469395	2256	3.3533391	2289	3.3596458
2224	3.3471348	2257	3.3535316	2290	3.3598355
2225	3.3473300	2258	3.3537239	2291	3.3600251
2226	3.3475252	2259	3.3539162	2292	3.3602146
2227	3.3477202	2260	3.3541084	2293	3.3604041
2228	3.3479152	2261	3.3543006	2294	3.3605934
2229	3.3481101	2262	3.3544926	2295	3.3607827
2230	3.3483049	2263	3.3546846	2296	3.3609719
2231	3.3484996	2264	3.3548764	2297	3.3611610
2232	3.3486942	2265	3.3550682	2298	3.3613500
2233	3.3488887	2266	3.3552599	2299	3.3615390
2234	3.3490832	2267	3.3554515	2300	3.3617278

N.	Logarith.	N.	Logarith.	N.	Logarith.
2301	3.3619166	2334	3.3681008	2367	3.3741983
2302	3.3621053	2335	3.3682869	2368	3.3743817
2303	3.3622939	2336	3.3684728	2369	3.3745651
2304	3.3624825	2337	3.3686587	2370	3.3747483
2305	3.3626709	2338	3.3688445	2371	3.3749316
2306	3.3628593	2339	3.3690302	2372	3.3751147
2307	3.3630476	2340	3.3692159	2373	3.3752977
2308	3.3632358	2341	3.3694014	2374	3.3754807
2309	3.3634239	2342	3.3695869	2375	3.3756636
2310	3.3636120	2343	3.3697723	2376	3.3758464
2311	3.3637999	2344	3.3699576	2377	3.3760292
2312	3.3639878	2345	3.3701428	2378	3.3762119
2313	3.3641756	2346	3.3703280	2379	3.3763944
2314	3.3643633	2347	3.3705131	2380	3.3765770
2315	3.3645510	2348	3.3706981	2381	3.3767594
2316	3.3647386	2349	3.3708830	2382	3.3769418
2317	3.3649260	2350	3.3710679	2383	3.3771240
2318	3.3651134	2351	3.3712526	2384	3.3773062
2319	3.3653007	2352	3.3714373	2385	3.3774884
2320	3.3654880	2353	3.3716219	2386	3.3776704
2321	3.3656751	2354	3.3718065	2387	3.3778524
2322	3.3658622	2355	3.3719909	2388	3.3780343
2323	3.3660492	2356	3.3721753	2389	3.3782161
2324	3.3662361	2357	3.3723596	2390	3.3783979
2325	3.3664230	2358	3.3725438	2391	3.3785796
2326	3.3666097	2359	3.3727279	2392	3.3787612
2327	3.3667964	2360	3.3729120	2393	3.3789427
2328	3.3669830	2361	3.3730960	2394	3.3791241
2329	3.3671695	2362	3.3732799	2395	3.3793055
2330	3.3673559	2363	3.3734637	2396	3.3794868
2331	3.3675423	2364	3.3736475	2397	3.3796680
2332	3.3677285	2365	3.3738311	2398	3.3798492
2333	3.3679147	2366	3.3740147	2399	3.3800302
2334	3.3681008	2367	3.3741983	2400	3.3802112

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
2401	3.3803922	2434	3.3863206	2467	3.3921691
2402	3.3805730	2435	3.3864990	2468	3.3923452
2403	3.3807538	2436	3.3866773	2469	3.3925211
2404	3.3809345	2437	3.3868555	2470	3.3926970
2405	3.3811151	2438	3.3870337	2471	3.3928727
2406	3.3812956	2439	3.3872118	2472	3.3930485
2407	3.3814761	2440	3.3873898	2473	3.3932241
2408	3.3816565	2441	3.3875678	2474	3.3933997
2409	3.3818368	2442	3.3877457	2475	3.3935752
2410	3.3820170	2443	3.3879235	2476	3.3937506
2411	3.3821972	2444	3.3881012	2477	3.3939260
2412	3.3823773	2445	3.3882789	2478	3.3941013
2413	3.3825573	2446	3.3884565	2479	3.3942765
2414	3.3827373	2447	3.3886340	2480	3.3944517
2415	3.3829171	2448	3.3888114	2481	3.3946268
2416	3.3830969	2449	3.3889888	2482	3.3948018
2417	3.3832766	2450	3.3891661	2483	3.3949767
2418	3.3834563	2451	3.3893433	2484	3.3951516
2419	3.3836359	2452	3.3895205	2485	3.3953264
2420	3.3838154	2453	3.3896975	2486	3.3955011
2421	3.3839948	2454	3.3898746	2487	3.3956758
2422	3.3841741	2455	3.3900515	2488	3.3958504
2423	3.3843534	2456	3.3902284	2489	3.3960249
2424	3.3845326	2457	3.3904052	2490	3.3961993
2425	3.3847117	2458	3.3905819	2491	3.3963737
2426	3.3848908	2459	3.3907585	2492	3.3965480
2427	3.3850698	2460	3.3909351	2493	3.3967223
2428	3.3852487	2461	3.3911116	2494	3.3968964
2429	3.3854275	2462	3.3912880	2495	3.3970705
2430	3.3856063	2463	3.3914644	2496	3.3972446
2431	3.3857850	2464	3.3916407	2497	3.3974185
2432	3.3859636	2465	3.3918169	2498	3.3975924
2433	3.3861421	2466	3.3919931	2499	3.3977663
2434	3.3863206	2467	3.3921691	2500	3.3979400

N.	Logarith.	N.	Logarith.	N.	Logarith.
2501	3.3981137	2534	3.4038066	2567	3.4094259
2502	3.3982873	2535	3.4039780	2568	3.4095950
2503	3.3984608	2536	3.4041492	2569	3.4097641
2504	3.3986343	2537	3.4043205	2570	3.4099331
2505	3.3988077	2538	3.4044916	2571	3.4101021
2506	3.3989811	2539	3.4046627	2572	3.4102710
2507	3.3991543	2540	3.4048337	2573	3.4104398
2508	3.3993275	2541	3.4050047	2574	3.4106085
2509	3.3995007	2542	3.4051755	2575	3.4107772
2510	3.3996737	2543	3.4053464	2576	3.4109459
2511	3.3998467	2544	3.4055171	2577	3.4111144
2512	3.4000196	2545	3.4056878	2578	3.4112829
2513	3.4001925	2546	3.4058584	2579	3.4114513
2514	3.4003653	2547	3.4060289	2580	3.4116197
2515	3.4005380	2548	3.4061994	2581	3.4117880
2516	3.4007106	2549	3.4063698	2582	3.4119562
2517	3.4008832	2550	3.4065402	2583	3.4121244
2518	3.4010557	2551	3.4067105	2584	3.4122925
2519	3.4012282	2552	3.4068807	2585	3.4124605
2520	3.4014005	2553	3.4070508	2586	3.4126285
2521	3.4015728	2554	3.4072209	2587	3.4127964
2522	3.4017451	2555	3.4073909	2588	3.4129643
2523	3.4019173	2556	3.4075608	2589	3.4131320
2524	3.4020893	2557	3.4077307	2590	3.4132998
2525	3.4022614	2558	3.4079005	2591	3.4134674
2526	3.4024333	2559	3.4080703	2592	3.4136350
2527	3.4026052	2560	3.4082400	2593	3.4138025
2528	3.4027771	2561	3.4084096	2594	3.4139700
2529	3.4029488	2562	3.4085791	2595	3.4141374
2530	3.4031205	2563	3.4087486	2596	3.4143047
2531	3.4032921	2564	3.4089180	2597	3.4144719
2532	3.4034637	2565	3.4090874	2598	3.4146391
2533	3.4036352	2566	3.4092567	2599	3.4148063
2534	3.4038066	2567	3.4094259	2600	3.4149733

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
2601	3.4151404	2634	3.4206158	2667	3.4260230
2602	3.4153073	2635	3.4207806	2668	3.4261858
2603	3.4154742	2636	3.4209454	2669	3.4263486
2604	3.4156410	2637	3.4211101	2670	3.4265113
2605	3.4158077	2638	3.4212748	2671	3.4266739
2606	3.4159744	2639	3.4214394	2672	3.4268365
2607	3.4161410	2640	3.4216039	2673	3.4269990
2608	3.4163076	2641	3.4217684	2674	3.4271614
2609	3.4164741	2642	3.4219328	2675	3.4273238
2610	3.4166405	2643	3.4220972	2676	3.4274861
2611	3.4168069	2644	3.4222614	2677	3.4276484
2612	3.4169732	2645	3.4224257	2678	3.4278106
2613	3.4171394	2646	3.4225898	2679	3.4279727
2614	3.4173056	2647	3.4227539	2680	3.4281348
2615	3.4174717	2648	3.4229180	2681	3.4282968
2616	3.4176377	2649	3.4230820	2682	3.4284588
2617	3.4178037	2650	3.4232459	2683	3.4286207
2618	3.4179696	2651	3.4234097	2684	3.4287825
2619	3.4181355	2652	3.4235735	2685	3.4289443
2620	3.4183013	2653	3.4237372	2686	3.4291060
2621	3.4184670	2654	3.4239009	2687	3.4292677
2622	3.4186327	2655	3.4240645	2688	3.4294293
2623	3.4187983	2656	3.4242281	2689	3.4295908
2624	3.4189638	2657	3.4243916	2690	3.4297523
2625	3.4191293	2658	3.4245550	2691	3.4299137
2626	3.4192947	2659	3.4247183	2692	3.4300751
2627	3.4194601	2660	3.4248816	2693	3.4302363
2628	3.4196254	2661	3.4250449	2694	3.4303976
2629	3.4197906	2662	3.4252081	2695	3.4305588
2630	3.4199557	2663	3.4253712	2696	3.4307199
2631	3.4201208	2664	3.4255342	2697	3.4308809
2632	3.4202859	2665	3.4256972	2698	3.4310419
2633	3.4204509	2666	3.4258601	2699	3.4312029
2634	3.4206158	2667	3.4260230	2700	3.4313638

N.	Logarith.	N.	Logarith.	N.	Logarith.
2701	3.4315246	2734	3.4367985	2767	3.4420092
2702	3.4316853	2735	3.4369573	2768	3.4421661
2703	3.4318460	2736	3.4371161	2769	3.4423230
2704	3.4320067	2737	3.4372748	2770	3.4424798
2705	3.4321673	2738	3.4374334	2771	3.4426365
2706	3.4323278	2739	3.4375920	2772	3.4427932
2707	3.4324883	2740	3.4377506	2773	3.4429499
2708	3.4326487	2741	3.4379090	2774	3.4431065
2709	3.4328090	2742	3.4380675	2775	3.4432630
2710	3.4329693	2743	3.4382258	2776	3.4434195
2711	3.4331295	2744	3.4383841	2777	3.4435759
2712	3.4332897	2745	3.4385423	2778	3.4437322
2713	3.4334498	2746	3.4387005	2779	3.4438885
2714	3.4336098	2747	3.4388587	2780	3.4440448
2715	3.4337698	2748	3.4390167	2781	3.4442010
2716	3.4339298	2749	3.4391747	2782	3.4443571
2717	3.4340896	2750	3.4393327	2783	3.4445132
2718	3.4342495	2751	3.4394906	2784	3.4446692
2719	3.4344092	2752	3.4396484	2785	3.4448252
2720	3.4345689	2753	3.4398062	2786	3.4449811
2721	3.4347285	2754	3.4399639	2787	3.4451370
2722	3.4348881	2755	3.4401216	2788	3.4452928
2723	3.4350476	2756	3.4402792	2789	3.4454485
2724	3.4352071	2757	3.4404368	2790	3.4456042
2725	3.4353665	2758	3.4405943	2791	3.4457598
2726	3.4355259	2759	3.4407517	2792	3.4459154
2727	3.4356851	2760	3.4409091	2793	3.4460709
2728	3.4358444	2761	3.4410664	2794	3.4462264
2729	3.4360035	2762	3.4412237	2795	3.4463818
2730	3.4361626	2763	3.4413809	2796	3.4465372
2731	3.4363217	2764	3.4415380	2797	3.4466925
2732	3.4364807	2765	3.4416951	2798	3.4468477
2733	3.4366396	2766	3.4418522	2799	3.4470029
2734	3.4367985	2767	3.4420092	2800	3.4471580

N.	Logarith.	N.	Logarith.	N.	Logarith.
2801	3.4473131	2834	3.4523998	2867	3.4574277
2802	3.4474681	2835	3.4525531	2868	3.4575791
2803	3.4476231	2836	3.4527062	2869	3.4577305
2804	3.4477780	2837	3.4528592	2870	3.4578819
2805	3.4479329	2838	3.4530124	2871	3.4580332
2806	3.4480877	2839	3.4531654	2872	3.4581844
2807	3.4482424	2840	3.4533183	2873	3.4583356
2808	3.4483971	2841	3.4534712	2874	3.4584868
2809	3.4485517	2842	3.4536241	2875	3.4586378
2810	3.4487063	2843	3.4537769	2876	3.4587889
2811	3.4488608	2844	3.4539296	2877	3.4589399
2812	3.4490153	2845	3.4540823	2878	3.4590908
2813	3.4491697	2846	3.4542349	2879	3.4592417
2814	3.4493241	2847	3.4543875	2880	3.4593925
2815	3.4494784	2848	3.4545400	2881	3.4595433
2816	3.4496327	2849	3.4546924	2882	3.4596940
2817	3.4497868	2850	3.4548449	2883	3.4598446
2818	3.4499410	2851	3.4549972	2884	3.4599953
2819	3.4500951	2852	3.4551495	2885	3.4601458
2820	3.4502491	2853	3.4553018	2886	3.4602963
2821	3.4504031	2854	3.4554540	2887	3.4604468
2822	3.4505570	2855	3.4556061	2888	3.4605972
2823	3.4507109	2856	3.4557582	2889	3.4607475
2824	3.4508647	2857	3.4559102	2890	3.4608978
2825	3.4510185	2858	3.4560622	2891	3.4610481
2826	3.4511722	2859	3.4562142	2892	3.4611983
2827	3.4513258	2860	3.4563660	2893	3.4613484
2828	3.4514794	2861	3.4565179	2894	3.4614985
2829	3.4516329	2862	3.4566696	2895	3.4616486
2830	3.4517864	2863	3.4568213	2896	3.4617986
2831	3.4519399	2864	3.4569730	2897	3.4619485
2832	3.4520932	2865	3.4571246	2898	3.4620984
2833	3.4522466	2866	3.4572762	2899	3.4622482
2834	3.4523998	2867	3.4574277	2900	3.4623980

N.	Logarith.	N.	Logarith.	N.	Logarith.
2901	3.4625477	2934	3.4674601	2967	3.4723175
2902	3.4626974	2935	3.4676081	2968	3.4724639
2903	3.4628470	2936	3.4677561	2969	3.4726102
2904	3.4629966	2937	3.4679039	2970	3.4727564
2905	3.4631461	2938	3.4680518	2971	3.4729027
2906	3.4632956	2939	3.4681996	2972	3.4730488
2907	3.4634450	2940	3.4683473	2973	3.4731949
2908	3.4635944	2941	3.4684950	2974	3.4733410
2909	3.4637437	2942	3.4686427	2975	3.4734870
2910	3.4638930	2943	3.4687903	2976	3.4736329
2911	3.4640422	2944	3.4689378	2977	3.4737788
2912	3.4641914	2945	3.4690853	2978	3.4739247
2913	3.4643405	2946	3.4692327	2979	3.4740705
2914	3.4644895	2947	3.4693801	2980	3.4742163
2915	3.4646386	2948	3.4695275	2981	3.4743620
2916	3.4647875	2949	3.4696748	2982	3.4745076
2917	3.4649364	2950	3.4698220	2983	3.4746533
2918	3.4650853	2951	3.4699692	2984	3.4747988
2919	3.4652341	2952	3.4701164	2985	3.4749443
2920	3.4653829	2953	3.4702634	2986	3.4750898
2921	3.4655316	2954	3.4704105	2987	3.4752352
2922	3.4656802	2955	3.4705575	2988	3.4753806
2923	3.4658288	2956	3.4707044	2989	3.4755259
2924	3.4659774	2957	3.4708513	2990	3.4756712
2925	3.4661259	2958	3.4709982	2991	3.4758164
2926	3.4662743	2959	3.4711450	2992	3.4759616
2927	3.4664227	2960	3.4712917	2993	3.4761067
2928	3.4665711	2961	3.4714384	2994	3.4762518
2929	3.4667194	2962	3.4715851	2995	3.4763968
2930	3.4668676	2963	3.4717317	2996	3.4765418
2931	3.4670158	2964	3.4718782	2997	3.4766867
2932	3.4671640	2965	3.4720247	2998	3.4768316
2933	3.4673121	2966	3.4721711	2999	3.4769765
2934	3.4674601	2967	3.4723175	3000	3.4771212

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
3001	3.4772660	3034	3.4820156	3067	3.4867138
3002	3.4774107	3035	3.4821587	3068	3.4868554
3003	3.4775553	3036	3.4823018	3069	3.4869969
3004	3.4776999	3037	3.4824448	3070	3.4871384
3005	3.4778445	3038	3.4825878	3071	3.4872798
3006	3.4779890	3039	3.4827307	3072	3.4874212
3007	3.4781334	3040	3.4828736	3073	3.4875626
3008	3.4782778	3041	3.4830164	3074	3.4877039
3009	3.4784222	3042	3.4831592	3075	3.4878451
3010	3.4785665	3043	3.4833020	3076	3.4879863
3011	3.4787108	3044	3.4834446	3077	3.4881275
3012	3.4788550	3045	3.4835873	3078	3.4882686
3013	3.4789991	3046	3.4837299	3079	3.4884097
3014	3.4791432	3047	3.4838725	3080	3.4885507
3015	3.4792873	3048	3.4840150	3081	3.4886917
3016	3.4794313	3049	3.4841574	3082	3.4888326
3017	3.4795753	3050	3.4842998	3083	3.4889735
3018	3.4797192	3051	3.4844422	3084	3.4891144
3019	3.4798631	3052	3.4845845	3085	3.4892552
3020	3.4800069	3053	3.4847268	3086	3.4893959
3021	3.4801507	3054	3.4848690	3087	3.4895366
3022	3.4802945	3055	3.4850112	3088	3.4896773
3023	3.4804381	3056	3.4851533	3089	3.4898179
3024	3.4805818	3057	3.4852954	3090	3.4899585
3025	3.4807254	3058	3.4854375	3091	3.4900990
3026	3.4808689	3059	3.4855795	3092	3.4902395
3027	3.4810124	3060	3.4857214	3093	3.4903799
3028	3.4811559	3061	3.4858633	3094	3.4905203
3029	3.4812993	3062	3.4860052	3095	3.4906607
3030	3.4814426	3063	3.4861470	3096	3.4908010
3031	3.4815859	3064	3.4862888	3097	3.4909412
3032	3.4817292	3065	3.4864305	3098	3.4910814
3033	3.4818724	3066	3.4865722	3099	3.4912216
3034	3.4820156	3067	3.4867138	3100	3.4913617

N.	Logarith.	N.	Logarith.	N.	Logarith.
3101	3.4915017	3134	3.4960990	3167	3.5006481
3102	3.4916418	3135	3.4962375	3168	3.5007852
3103	3.4917818	3136	3.4963761	3169	3.5009222
3104	3.4919217	3137	3.4965145	3170	3.5010593
3105	3.4920616	3138	3.4966529	3171	3.5011962
3106	3.4922015	3139	3.4967913	3172	3.5013332
3107	3.4923413	3140	3.4969296	3173	3.5014701
3108	3.4924810	3141	3.4970679	3174	3.5016069
3109	3.4926207	3142	3.4972062	3175	3.5017437
3110	3.4927604	3143	3.4973444	3176	3.5018805
3111	3.4929000	3144	3.4974825	3177	3.5020172
3112	3.4930396	3145	3.4976206	3178	3.5021539
3113	3.4931791	3146	3.4977587	3179	3.5022905
3114	3.4933186	3147	3.4978967	3180	3.5024271
3115	3.4934581	3148	3.4980347	3181	3.5025637
3116	3.4935974	3149	3.4981727	3182	3.5027002
3117	3.4937368	3150	3.4983106	3183	3.5028366
3118	3.4938761	3151	3.4984484	3184	3.5029731
3119	3.4940154	3152	3.4985862	3185	3.5031094
3120	3.4941546	3153	3.4987240	3186	3.5032458
3121	3.4942938	3154	3.4988617	3187	3.5033821
3122	3.4944329	3155	3.4989994	3188	3.5035183
3123	3.4945720	3156	3.4991370	3189	3.5036545
3124	3.4947110	3157	3.4992746	3190	3.5037907
3125	3.4948500	3158	3.4994121	3191	3.5039268
3126	3.4949890	3159	3.4995496	3192	3.5040629
3127	3.4951279	3160	3.4996871	3193	3.5041989
3128	3.4952667	3161	3.4998245	3194	3.5043349
3129	3.4954056	3162	3.4999619	3195	3.5044709
3130	3.4955443	3163	3.5000992	3196	3.5046068
3131	3.4956831	3164	3.5002365	3197	3.5047426
3132	3.4958218	3165	3.5003737	3198	3.5048785
3133	3.4959604	3166	3.5005109	3199	3.5050142
3134	3.4960990	3167	3.5006481	3200	3.5051500

N.	Logarith.	N.	Logarith.	N.	Logarith.
3201	3.5052857	3234	3.5097400	3267	3.5141491
3202	3.5054213	3235	3.5098743	3268	3.5142820
3203	3.5055569	3236	3.5100085	3269	3.5144149
3204	3.5056925	3237	3.5101427	3270	3.5145478
3205	3.5058280	3238	3.5102768	3271	3.5146805
3206	3.5059635	3239	3.5104109	3272	3.5148133
3207	3.5060990	3240	3.5105450	3273	3.5149460
3208	3.5062344	3241	3.5106790	3274	3.5150787
3209	3.5063697	3242	3.5108130	3275	3.5152113
3210	3.5065050	3243	3.5109469	3276	3.5153439
3211	3.5066403	3244	3.5110808	3277	3.5154764
3212	3.5067755	3245	3.5112147	3278	3.5156089
3213	3.5069107	3246	3.5113485	3279	3.5157414
3214	3.5070459	3247	3.5114823	3280	3.5158738
3215	3.5071810	3248	3.5116160	3281	3.5160062
3216	3.5073160	3249	3.5117497	3282	3.5161386
3217	3.5074511	3250	3.5118834	3283	3.5162709
3218	3.5075860	3251	3.5120170	3284	3.5164031
3219	3.5077210	3252	3.5121505	3285	3.5165354
3220	3.5078559	3253	3.5122841	3286	3.5166676
3221	3.5079907	3254	3.5124175	3287	3.5167997
3222	3.5081255	3255	3.5125510	3288	3.5169318
3223	3.5082603	3256	3.5126844	3289	3.5170639
3224	3.5083950	3257	3.5128178	3290	3.5171959
3225	3.5085297	3258	3.5129511	3291	3.5173279
3226	3.5086644	3259	3.5130844	3292	3.5174598
3227	3.5087990	3260	3.5132176	3293	3.5175917
3228	3.5089335	3261	3.5133508	3294	3.5177236
3229	3.5090680	3262	3.5134840	3295	3.5178554
3230	3.5092025	3263	3.5136171	3296	3.5179872
3231	3.5093370	3264	3.5137502	3297	3.5181189
3232	3.5094714	3265	3.5138832	3298	3.5182507
3233	3.5096057	3266	3.5140162	3299	3.5183823
3234	3.5097400	3267	3.5141491	3300	3.5185139

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
3301	3.5186455	3334	3.5229656	3367	3.5272431
3302	3.5187771	3335	3.5230958	3368	3.5273721
3303	3.5189086	3336	3.5232260	3369	3.5275010
3304	3.5190400	3337	3.5233562	3370	3.5276299
3305	3.5191715	3338	3.5234863	3371	3.5277588
3306	3.5193028	3339	3.5236164	3372	3.5278876
3307	3.5194342	3340	3.5237465	3373	3.5280163
3308	3.5195655	3341	3.5238765	3374	3.5281451
3309	3.5196968	3342	3.5240064	3375	3.5282738
3310	3.5198280	3343	3.5241364	3376	3.5284024
3311	3.5199592	3344	3.5242663	3377	3.5285311
3312	3.5200903	3345	3.5243961	3378	3.5286596
3313	3.5202214	3346	3.5245259	3379	3.5287882
3314	3.5203525	3347	3.5246557	3380	3.5289167
3315	3.5204835	3348	3.5247854	3381	3.5290452
3316	3.5206145	3349	3.5249151	3382	3.5291736
3317	3.5207455	3350	3.5250448	3383	3.5293020
3318	3.5208764	3351	3.5251744	3384	3.5294304
3319	3.5210073	3352	3.5253040	3385	3.5295587
3320	3.5211381	3353	3.5254336	3386	3.5296870
3321	3.5212689	3354	3.5255631	3387	3.5298152
3322	3.5213996	3355	3.5256925	3388	3.5299434
3323	3.5215303	3356	3.5258220	3389	3.5300716
3324	3.5216610	3357	3.5259513	3390	3.5301997
3325	3.5217916	3358	3.5260807	3391	3.5303278
3326	3.5219222	3359	3.5262100	3392	3.5304558
3327	3.5220528	3360	3.5263393	3393	3.5305839
3328	3.5221833	3361	3.5264685	3394	3.5307118
3329	3.5223138	3362	3.5265977	3395	3.5308398
3330	3.5224442	3363	3.5267269	3396	3.5309677
3331	3.5225746	3364	3.5268560	3397	3.5310955
3332	3.5227050	3365	3.5269851	3398	3.5312234
3333	3.5228353	3366	3.5271141	3399	3.5313512
3334	3.5229656	3367	3.5272431	3400	3.5314789

N.	Logarith.	N.	Logarith.	N.	Logarith.
3401	3.5316066	3434	3.5358003	3467	3.5399538
3402	3.5317343	3435	3.5359267	3468	3.5400791
3403	3.5318619	3436	3.5360532	3469	3.5402043
3404	3.5319896	3437	3.5361795	3470	3.5403295
3405	3.5321171	3438	3.5363059	3471	3.5404546
3406	3.5322446	3439	3.5364322	3472	3.5405797
3407	3.5323721	3440	3.5365584	3473	3.5407048
3408	3.5324996	3441	3.5366847	3474	3.5408298
3409	3.5326270	3442	3.5368109	3475	3.5409548
3410	3.5327544	3443	3.5369370	3476	3.5410798
3411	3.5328817	3444	3.5370631	3477	3.5412047
3412	3.5330090	3445	3.5371892	3478	3.5413296
3413	3.5331363	3446	3.5373153	3479	3.5414544
3414	3.5332635	3447	3.5374413	3480	3.5415792
3415	3.5333907	3448	3.5375673	3481	3.5417040
3416	3.5335179	3449	3.5376932	3482	3.5418288
3417	3.5336450	3450	3.5378191	3483	3.5419535
3418	3.5337721	3451	3.5379450	3484	3.5420781
3419	3.5338991	3452	3.5380708	3485	3.5422028
3420	3.5340261	3453	3.5381966	3486	3.5423274
3421	3.5341531	3454	3.5383223	3487	3.5424519
3422	3.5342800	3455	3.5384481	3488	3.5425765
3423	3.5344069	3456	3.5385737	3489	3.5427010
3424	3.5345338	3457	3.5386994	3490	3.5428254
3425	3.5346606	3458	3.5388250	3491	3.5429498
3426	3.5347874	3459	3.5389506	3492	3.5430742
3427	3.5349141	3460	3.5390761	3493	3.5431986
3428	3.5350408	3461	3.5392016	3494	3.5433229
3429	3.5351675	3462	3.5393271	3495	3.5434472
3430	3.5352941	3463	3.5393525	3496	3.5435714
3431	3.5354207	3464	3.5395779	3497	3.5436956
3432	3.5355473	3465	3.5397032	3498	3.5438198
3433	3.5356738	3466	3.5398286	3499	3.5439439
3434	3.5358003	3467	3.5399538	3500	3.5440680

N.	Logarith.	N.	Logarith.	N.	Logarith.
3501	3.5441921	3534	3.5482665	3567	3.5523031
3502	3.5443161	3535	3.5483894	3568	3.5524248
3503	3.5444401	3536	3.5485123	3569	3.5525465
3504	3.5445641	3537	3.5486351	3570	3.5526682
3505	3.5446880	3538	3.5487578	3571	3.5527899
3506	3.5448119	3539	3.5488806	3572	3.5529115
3507	3.5449358	3540	3.5490033	3573	3.5530330
3508	3.5450596	3541	3.5491259	3574	3.5531545
3509	3.5451834	3542	3.5492486	3575	3.5532760
3510	3.5453071	3543	3.5493712	3576	3.5533975
3511	3.5454308	3544	3.5494937	3577	3.5535189
3512	3.5455545	3545	3.5496162	3578	3.5536403
3513	3.5456781	3546	3.5497387	3579	3.5537617
3514	3.5458018	3547	3.5498612	3580	3.5538830
3515	3.5459253	3548	3.5499836	3581	3.5540043
3516	3.5460489	3549	3.5501060	3582	3.5541256
3517	3.5461724	3550	3.5502284	3583	3.5542468
3518	3.5462958	3551	3.5503507	3584	3.5543680
3519	3.5464193	3552	3.5504730	3585	3.5544892
3520	3.5465427	3553	3.5505952	3586	3.5546103
3521	3.5466660	3554	3.5507174	3587	3.5547314
3522	3.5467894	3555	3.5508396	3588	3.5548524
3523	3.5469126	3556	3.5509618	3589	3.5549735
3524	3.5470359	3557	3.5510839	3590	3.5550944
3525	3.5471591	3558	3.5512059	3591	3.5552154
3526	3.5472823	3559	3.5513280	3592	3.5553363
3527	3.5474055	3560	3.5514500	3593	3.5554572
3528	3.5475286	3561	3.5515720	3594	3.5555781
3529	3.5476517	3562	3.5516939	3595	3.5556989
3530	3.5477747	3563	3.5518158	3596	3.5558197
3531	3.5478977	3564	3.5519377	3597	3.5559404
3532	3.5480207	3565	3.5520595	3598	3.5560612
3533	3.5481436	3566	3.5521813	3599	3.5561818
3534	3.5482665	3567	3.5523031	3600	3.5563025

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
3601	3.5564231	3634	3.5603849	3667	3.5643109
3602	3.5565437	3635	3.5605044	3668	3.5644293
3603	3.5566643	3636	3.5606239	3669	3.5645477
3604	3.5567848	3637	3.5607433	3670	3.5646661
3605	3.5569053	3638	3.5608627	3671	3.5647844
3606	3.5570257	3639	3.5609821	3672	3.5649027
3607	3.5571461	3640	3.5611014	3673	3.5650209
3608	3.5572665	3641	3.5612207	3674	3.5651392
3609	3.5573869	3642	3.5613399	3675	3.5652573
3610	3.5575072	3643	3.5614592	3676	3.5653755
3611	3.5576275	3644	3.5615784	3677	3.5654936
3612	3.5577477	3645	3.5616975	3678	3.5656117
3613	3.5578680	3646	3.5618167	3679	3.5657298
3614	3.5579881	3647	3.5619358	3680	3.5658478
3615	3.5581083	3648	3.5620548	3681	3.5659658
3616	3.5582284	3649	3.5621739	3682	3.5660838
3617	3.5583485	3650	3.5622929	3683	3.5662017
3618	3.5584686	3651	3.5624118	3684	3.5663196
3619	3.5585886	3652	3.5625308	3685	3.5664375
3620	3.5587086	3653	3.5626497	3686	3.5665553
3621	3.5588285	3654	3.5627685	3687	3.5666731
3622	3.5589484	3655	3.5628874	3688	3.5667909
3623	3.5590683	3656	3.5630062	3689	3.5669087
3624	3.5591882	3657	3.5631250	3690	3.5670264
3625	3.5593080	3658	3.5632437	3691	3.5671440
3626	3.5594278	3659	3.5633624	3692	3.5672617
3627	3.5595476	3660	3.5634811	3693	3.5673793
3628	3.5596673	3661	3.5635997	3694	3.5674969
3629	3.5597870	3662	3.5637183	3695	3.5676144
3630	3.5599066	3663	3.5638369	3696	3.5677320
3631	3.5600262	3664	3.5639555	3697	3.5678495
3632	3.5601458	3665	3.5640740	3698	3.5679669
3633	3.5602654	3666	3.5641925	3699	3.5680843
3634	3.5603849	3667	3.5643109	3700	3.5682017

N.	Logarith.	N.	Logarith.	N.	Logarith.
3701	3.5683191	3734	3.5721743	3767	3.5759956
3702	3.5684364	3735	3.5722906	3768	3.5761109
3703	3.5685537	3736	3.5724069	3769	3.5762261
3704	3.5686710	3737	3.5725231	3770	3.5763414
3705	3.5687882	3738	3.5726393	3771	3.5764565
3706	3.5689054	3739	3.5727555	3772	3.5765717
3707	3.5690226	3740	3.5728716	3773	3.5766868
3708	3.5691397	3741	3.5729877	3774	3.5768019
3709	3.5692568	3742	3.5731038	3775	3.5769170
3710	3.5693739	3743	3.5732198	3776	3.5770320
3711	3.5694910	3744	3.5733358	3777	3.5771470
3712	3.5696080	3745	3.5734518	3778	3.5772620
3713	3.5697249	3746	3.5735678	3779	3.5773769
3714	3.5698419	3747	3.5736837	3780	3.5774918
3715	3.5699588	3748	3.5737996	3781	3.5776067
3716	3.5700757	3749	3.5739154	3782	3.5777215
3717	3.5701926	3750	3.5740313	3783	3.5778363
3718	3.5703094	3751	3.5741471	3784	3.5779511
3719	3.5704262	3752	3.5742628	3785	3.5780659
3720	3.5705429	3753	3.5743786	3786	3.5781806
3721	3.5706597	3754	3.5744943	3787	3.5782953
3722	3.5707764	3755	3.5746099	3788	3.5784100
3723	3.5708930	3756	3.5747256	3789	3.5785246
3724	3.5710097	3757	3.5748412	3790	3.5786392
3725	3.5711263	3758	3.5749568	3791	3.5787538
3726	3.5712429	3759	3.5750723	3792	3.5788683
3727	3.5713594	3760	3.5751878	3793	3.5789828
3728	3.5714759	3761	3.5753033	3794	3.5790973
3729	3.5715924	3762	3.5754188	3795	3.5792118
3730	3.5717088	3763	3.5755342	3796	3.5793262
3731	3.5718252	3764	3.5756496	3797	3.5794406
3732	3.5719416	3765	3.5757650	3798	3.5795550
3733	3.5720580	3766	3.5758803	3799	3.5796693
3734	3.5721743	3767	3.5759956	3800	3.5797836

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
3801	3.5798979	3834	3.5836521	3867	3.5873742
3802	3.5800121	3835	3.5837654	3868	3.5874865
3803	3.5801263	3836	3.5838786	3869	3.5875987
3804	3.5802405	3837	3.5839918	3870	3.5877110
3805	3.5803547	3838	3.5841050	3871	3.5878232
3806	3.5804688	3839	3.5842181	3872	3.5879353
3807	3.5805829	3840	3.5843312	3873	3.5880475
3808	3.5806969	3841	3.5844443	3874	3.5881596
3809	3.5808110	3842	3.5845574	3875	3.5882717
3810	3.5809250	3843	3.5846704	3876	3.5883838
3811	3.5810389	3844	3.5847834	3877	3.5884958
3812	3.5811529	3845	3.5848963	3878	3.5886078
3813	3.5812668	3846	3.5850093	3879	3.5887198
3814	3.5813807	3847	3.5851222	3880	3.5888317
3815	3.5814945	3848	3.5852351	3881	3.5889436
3816	3.5816084	3849	3.5853479	3882	3.5890555
3817	3.5817222	3850	3.5854607	3883	3.5891674
3818	3.5818359	3851	3.5855735	3884	3.5892792
3819	3.5819497	3852	3.5856863	3885	3.5893910
3820	3.5820634	3853	3.5857990	3886	3.5895028
3821	3.5821770	3854	3.5859117	3887	3.5896145
3822	3.5822907	3855	3.5860244	3888	3.5897263
3823	3.5824043	3856	3.5861370	3889	3.5898379
3824	3.5825179	3857	3.5862496	3890	3.5899496
3825	3.5826314	3858	3.5863622	3891	3.5900612
3826	3.5827450	3859	3.5864748	3892	3.5901728
3827	3.5828585	3860	3.5865873	3893	3.5902844
3828	3.5829719	3861	3.5866998	3894	3.5903959
3829	3.5830854	3862	3.5868123	3895	3.5905075
3830	3.5831988	3863	3.5869247	3896	3.5906189
3831	3.5833122	3864	3.5870371	3897	3.5907304
3832	3.5834255	3865	3.5871495	3898	3.5908418
3833	3.5835388	3866	3.5872618	3899	3.5909532
3834	3.5836521	3867	3.5873742	3900	3.5910646

N.	Logarith.	N.	Logarith.	N.	Logarith.
3901	3.5911760	3934	3.5948344	3967	3.5984622
3902	3.5912873	3935	3.5949447	3968	3.5985717
3903	3.5913986	3936	3.5950551	3969	3.5986811
3904	3.5915098	3937	3.5951654	3970	3.5987905
3905	3.5916210	3938	3.5952757	3971	3.5988999
3906	3.5917322	3939	3.5953860	3972	3.5990092
3907	3.5918434	3940	3.5954962	3973	3.5991186
3908	3.5919546	3941	3.5956064	3974	3.5992279
3909	3.5920657	3942	3.5957166	3975	3.5993371
3910	3.5921768	3943	3.5958268	3976	3.5994464
3911	3.5922878	3944	3.5959369	3977	3.5995556
3912	3.5923988	3945	3.5960470	3978	3.5996648
3913	3.5925098	3946	3.5961571	3979	3.5997739
3914	3.5926208	3947	3.5962671	3980	3.5998831
3915	3.5927318	3948	3.5963771	3981	3.5999922
3916	3.5928427	3949	3.5964871	3982	3.6001013
3917	3.5929536	3950	3.5965971	3983	3.6002103
3918	3.5930644	3951	3.5967070	3984	3.6003193
3919	3.5931753	3952	3.5968169	3985	3.6004283
3920	3.5932861	3953	3.5969268	3986	3.6005373
3921	3.5933968	3954	3.5970367	3987	3.6006462
3922	3.5935076	3955	3.5971465	3988	3.6007551
3923	3.5936183	3956	3.5972563	3989	3.6008640
3924	3.5937290	3957	3.5973661	3990	3.6009729
3925	3.5938397	3958	3.5974758	3991	3.6010817
3926	3.5939503	3959	3.5975855	3992	3.6011905
3927	3.5940609	3960	3.5976952	3993	3.6012993
3928	3.5941715	3961	3.5978048	3994	3.6014081
3929	3.5942820	3962	3.5979145	3995	3.6015168
3930	3.5943926	3963	3.5980241	3996	3.6016255
3931	3.5945030	3964	3.5981336	3997	3.6017341
3932	3.5946135	3965	3.5982432	3998	3.6018428
3933	3.5947239	3966	3.5983527	3999	3.6019514
3934	3.5948344	3967	3.5984622	4000	3.6020600

N.	Logarith.	N.	Logarith.	N.	Logarith.
4001	3.6021685	4034	3.6057359	4067	3.6092742
4002	3.6022771	4035	3.6058435	4068	3.6093809
4003	3.6023856	4036	3.6059512	4069	3.6094877
4004	3.6024941	4037	3.6060587	4070	3.6095944
4005	3.6026025	4038	3.6061663	4071	3.6097011
4006	3.6027109	4039	3.6062739	4072	3.6098078
4007	3.6028193	4040	3.6063814	4073	3.6099144
4008	3.6029277	4041	3.6064889	4074	3.6100210
4009	3.6030361	4042	3.6065963	4075	3.6101276
4010	3.6031444	4043	3.6067037	4076	3.6102342
4011	3.6032527	4044	3.6068111	4077	3.6103407
4012	3.6033609	4045	3.6069185	4078	3.6104472
4013	3.6034692	4046	3.6070259	4079	3.6105537
4014	3.6035774	4047	3.6071332	4080	3.6106602
4015	3.6036855	4048	3.6072405	4081	3.6107666
4016	3.6037937	4049	3.6073478	4082	3.6108730
4017	3.6039018	4050	3.6074550	4083	3.6109794
4018	3.6040099	4051	3.6075622	4084	3.6110857
4019	3.6041180	4052	3.6076694	4085	3.6111921
4020	3.6042261	4053	3.6077766	4086	3.6112984
4021	3.6043341	4054	3.6078837	4087	3.6114046
4022	3.6044421	4055	3.6079909	4088	3.6115109
4023	3.6045500	4056	3.6080979	4089	3.6116171
4024	3.6046580	4057	3.6082050	4090	3.6117233
4025	3.6047659	4058	3.6083120	4091	3.6118295
4026	3.6048738	4059	3.6084191	4092	3.6119356
4027	3.6049816	4060	3.6085260	4093	3.6120417
4028	3.6050895	4061	3.6086330	4094	3.6121478
4029	3.6051973	4062	3.6087399	4095	3.6122539
4030	3.6053050	4063	3.6088468	4096	3.6123599
4031	3.6054128	4064	3.6089537	4097	3.6124660
4032	3.6055205	4065	3.6090605	4098	3.6125720
4033	3.6056282	4066	3.6091674	4099	3.6126779
4034	3.6057359	4067	3.6092742	4100	3.6127839

N.	Logarith.	N.	Logarith.	N.	Logarith.
4101	3.6128898	4134	3.6163705	4167	3.6198235
4102	3.6129957	4135	3.6164755	4168	3.6199277
4103	3.6131015	4136	3.6165805	4169	3.6200319
4104	3.6132074	4137	3.6166855	4170	3.6201361
4105	3.6133132	4138	3.6167905	4171	3.6202402
4106	3.6134189	4139	3.6168954	4172	3.6203443
4107	3.6135247	4140	3.6170003	4173	3.6204484
4108	3.6136304	4141	3.6171052	4174	3.6205524
4109	3.6137361	4142	3.6172101	4175	3.6206565
4110	3.6138418	4143	3.6173149	4176	3.6207605
4111	3.6139475	4144	3.6174197	4177	3.6208645
4112	3.6140531	4145	3.6175245	4178	3.6209684
4113	3.6141587	4146	3.6176293	4179	3.6210724
4114	3.6142643	4147	3.6177340	4180	3.6211763
4115	3.6143698	4148	3.6178387	4181	3.6212802
4116	3.6144754	4149	3.6179434	4182	3.6213840
4117	3.6145809	4150	3.6180481	4183	3.6214879
4118	3.6146863	4151	3.6181527	4184	3.6215917
4119	3.6147918	4152	3.6182573	4185	3.6216955
4120	3.6148972	4153	3.6183619	4186	3.6217992
4121	3.6150026	4154	3.6184665	4187	3.6219030
4122	3.6151080	4155	3.6185710	4188	3.6220067
4123	3.6152133	4156	3.6186755	4189	3.6221104
4124	3.6153187	4157	3.6187800	4190	3.6222140
4125	3.6154240	4158	3.6188845	4191	3.6223177
4126	3.6155292	4159	3.6189889	4192	3.6224213
4127	3.6156345	4160	3.6190933	4193	3.6225249
4128	3.6157397	4161	3.6191977	4194	3.6226284
4129	3.6158449	4162	3.6193021	4195	3.6227320
4130	3.6159501	4163	3.6194064	4196	3.6228355
4131	3.6160552	4164	3.6195107	4197	3.6229390
4132	3.6161603	4165	3.6196150	4198	3.6230424
4133	3.6162654	4166	3.6197193	4199	3.6231459
4134	3.6163705	4167	3.6198235	4200	3.6232493

N.	Logarith.	N.	Logarith.	N.	Logarith.
4201	3.6233527	4234	3.6267509	4267	3.6301226
4202	3.6234560	4235	3.6268534	4268	3.6302244
4203	3.6235594	4236	3.6269560	4269	3.6303262
4204	3.6236627	4237	3.6270585	4270	3.6304279
4205	3.6237660	4238	3.6271610	4271	3.6305296
4206	3.6238693	4239	3.6272634	4272	3.6306312
4207	3.6239725	4240	3.6273659	4273	3.6307329
4208	3.6240757	4241	3.6274683	4274	3.6308345
4209	3.6241789	4242	3.6275707	4275	3.6309361
4210	3.6242821	4243	3.6276730	4276	3.6310377
4211	3.6243852	4244	3.6277754	4277	3.6311393
4212	3.6244884	4245	3.6278777	4278	3.6312408
4213	3.6245915	4246	3.6279800	4279	3.6313423
4214	3.6246945	4247	3.6280823	4280	3.6314438
4215	3.6247976	4248	3.6281845	4281	3.6315452
4216	3.6249006	4249	3.6282867	4282	3.6316467
4217	3.6250036	4250	3.6283889	4283	3.6317481
4218	3.6251066	4251	3.6284911	4284	3.6318495
4219	3.6252095	4252	3.6285933	4285	3.6319508
4220	3.6253125	4253	3.6286954	4286	3.6320522
4221	3.6254154	4254	3.6287975	4287	3.6321535
4222	3.6255182	4255	3.6288996	4288	3.6322548
4223	3.6256211	4256	3.6290016	4289	3.6323560
4224	3.6257239	4257	3.6291037	4290	3.6324573
4225	3.6258267	4258	3.6292057	4291	3.6325585
4226	3.6259295	4259	3.6293076	4292	3.6326597
4227	3.6260322	4260	3.6294096	4293	3.6327609
4228	3.6261350	4261	3.6295115	4294	3.6328620
4229	3.6262377	4262	3.6296134	4295	3.6329632
4230	3.6263404	4263	3.6297153	4296	3.6330643
4231	3.6264430	4264	3.6298172	4297	3.6331654
4232	3.6265457	4265	3.6299190	4298	3.6332664
4233	3.6266483	4266	3.6300209	4299	3.6333674
4234	3.6267509	4267	3.6301226	4300	3.6334685

N.	Logarith.	N.	Logarith.	N.	Logarith.
4301	3.6335694	4334	3.6368889	4367	3.6401832
4302	3.6336704	4335	3.6369891	4368	3.6402826
4303	3.6337713	4336	3.6370893	4369	3.6403820
4304	3.6338723	4337	3.6371894	4370	3.6404814
4305	3.6339732	4338	3.6372895	4371	3.6405808
4306	3.6340740	4339	3.6373897	4372	3.6406802
4307	3.6341749	4340	3.6374897	4373	3.6407795
4308	3.6342757	4341	3.6375898	4374	3.6408788
4309	3.6343765	4342	3.6376898	4375	3.6409781
4310	3.6344773	4343	3.6377898	4376	3.6410773
4311	3.6345780	4344	3.6378898	4377	3.6411765
4312	3.6346788	4345	3.6379898	4378	3.6412758
4313	3.6347795	4346	3.6380897	4379	3.6413749
4314	3.6348801	4347	3.6381896	4380	3.6414741
4315	3.6349808	4348	3.6382895	4381	3.6415733
4316	3.6350814	4349	3.6383894	4382	3.6416724
4317	3.6351820	4350	3.6384893	4383	3.6417715
4318	3.6352826	4351	3.6385891	4384	3.6418705
4319	3.6353832	4352	3.6386889	4385	3.6419696
4320	3.6354837	4353	3.6387887	4386	3.6420686
4321	3.6355843	4354	3.6388884	4387	3.6421676
4322	3.6356848	4355	3.6389882	4388	3.6422666
4323	3.6357852	4356	3.6390879	4389	3.6423656
4324	3.6358857	4357	3.6391876	4390	3.6424645
4325	3.6359861	4358	3.6392872	4391	3.6425634
4326	3.6360865	4359	3.6393869	4392	3.6426623
4327	3.6361869	4360	3.6394865	4393	3.6427612
4328	3.6362873	4361	3.6395861	4394	3.6428601
4329	3.6363876	4362	3.6396857	4395	3.6429589
4330	3.6364879	4363	3.6397852	4396	3.6430577
4331	3.6365882	4364	3.6398847	4397	3.6431565
4332	3.6366884	4365	3.6399842	4398	3.6432552
4333	3.6367887	4366	3.6400837	4399	3.6433540
4334	3.6368889	4367	3.6401832	4400	3.6434527

N.	Logarith.	N.	Logarith.	N.	Logarith.
4401	3.6435514	4434	3.6467957	4467	3.6500160
4402	3.6436500	4435	3.6468936	4468	3.6501132
4403	3.6437487	4436	3.6469915	4469	3.6502104
4404	3.6438473	4437	3.6470894	4470	3.6503075
4405	3.6439459	4438	3.6471873	4471	3.6504047
4406	3.6440445	4439	3.6472851	4472	3.6505018
4407	3.6441431	4440	3.6473830	4473	3.6505989
4408	3.6442416	4441	3.6474808	4474	3.6506960
4409	3.6443401	4442	3.6475786	4475	3.6507930
4410	3.6444386	4443	3.6476763	4476	3.6508901
4411	3.6445371	4444	3.6477741	4477	3.6509871
4412	3.6446355	4445	3.6478718	4478	3.6510841
4413	3.6447339	4446	3.6479695	4479	3.6511811
4414	3.6448323	4447	3.6480671	4480	3.6512780
4415	3.6449307	4448	3.6481648	4481	3.6513749
4416	3.6450291	4449	3.6482624	4482	3.6514719
4417	3.6451274	4450	3.6483600	4483	3.6515687
4418	3.6452257	4451	3.6484576	4484	3.6516656
4419	3.6453240	4452	3.6485552	4485	3.6517624
4420	3.6454223	4453	3.6486527	4486	3.6518593
4421	3.6455205	4454	3.6487502	4487	3.6519561
4422	3.6456187	4455	3.6488477	4488	3.6520528
4423	3.6457169	4456	3.6489452	4489	3.6521496
4424	3.6458151	4457	3.6490426	4490	3.6522463
4425	3.6459133	4458	3.6491401	4491	3.6523431
4426	3.6460114	4459	3.6492375	4492	3.6524397
4427	3.6461095	4460	3.6493349	4493	3.6525364
4428	3.6462076	4461	3.6494322	4494	3.6526331
4429	3.6463057	4462	3.6495296	4495	3.6527297
4430	3.6464037	4463	3.6496269	4496	3.6528263
4431	3.6465018	4464	3.6497242	4497	3.6529229
4432	3.6465998	4465	3.6498215	4498	3.6530195
4433	3.6466977	4466	3.6499187	4499	3.6531160
4434	3.6467957	4467	3.6500160	4500	3.6532125

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
4501	3.6533090	4534	3.6564815	4567	3.6596310
4502	3.6534055	4535	3.6565773	4568	3.6597261
4503	3.6535019	4536	3.6566730	4569	3.6598212
4504	3.6535984	4537	3.6567688	4570	3.6599162
4505	3.6536948	4538	3.6568645	4571	3.6600112
4506	3.6537912	4539	3.6569602	4572	3.6601062
4507	3.6538876	4540	3.6570559	4573	3.6602012
4508	3.6539839	4541	3.6571515	4574	3.6602962
4509	3.6540802	4542	3.6572471	4575	3.6603911
4510	3.6541765	4543	3.6573427	4576	3.6604860
4511	3.6542728	4544	3.6574383	4577	3.6605809
4512	3.6543691	4545	3.6575339	4578	3.6606758
4513	3.6544653	4546	3.6576294	4579	3.6607706
4514	3.6545616	4547	3.6577250	4580	3.6608655
4515	3.6546578	4548	3.6578205	4581	3.6609603
4516	3.6547539	4549	3.6579159	4582	3.6610551
4517	3.6548501	4550	3.6580114	4583	3.6611499
4518	3.6549462	4551	3.6581068	4584	3.6612446
4519	3.6550423	4552	3.6582023	4585	3.6613393
4520	3.6551384	4553	3.6582977	4586	3.6614341
4521	3.6552345	4554	3.6583930	4587	3.6615287
4522	3.6553306	4555	3.6584884	4588	3.6616234
4523	3.6554266	4556	3.6585837	4589	3.6617181
4524	3.6555226	4557	3.6586790	4590	3.6618127
4525	3.6556186	4558	3.6587743	4591	3.6619073
4526	3.6557145	4559	3.6588696	4592	3.6620019
4527	3.6558105	4560	3.6589648	4593	3.6620964
4528	3.6559064	4561	3.6590601	4594	3.6621910
4529	3.6560023	4562	3.6591553	4595	3.6622855
4530	3.6560982	4563	3.6592505	4596	3.6623800
4531	3.6561941	4564	3.6593456	4597	3.6624745
4532	3.6562899	4565	3.6594408	4598	3.6625690
4533	3.6563857	4566	3.6595359	4599	3.6626634
4534	3.6564815	4567	3.6596310	4600	3.6627578

N.	Logarith.	N.	Logarith.	N.	Logarith.
4601	3.6628522	4634	3.6659560	4667	3.6690378
4602	3.6629466	4635	3.6660497	4668	3.6691308
4603	3.6630410	4636	3.6661434	4669	3.6692239
4604	3.6631353	4637	3.6662371	4670	3.6693169
4605	3.6632296	4638	3.6663307	4671	3.6694099
4606	3.6633239	4639	3.6664244	4672	3.6695028
4607	3.6634182	4640	3.6665180	4673	3.6695958
4608	3.6635125	4641	3.6666116	4674	3.6696887
4609	3.6636067	4642	3.6667051	4675	3.6697816
4610	3.6637009	4643	3.6667987	4676	3.6698745
4611	3.6637951	4644	3.6668922	4677	3.6699674
4612	3.6638893	4645	3.6669857	4678	3.6700602
4613	3.6639835	4646	3.6670792	4679	3.6701530
4614	3.6640776	4647	3.6671727	4680	3.6702459
4615	3.6641717	4648	3.6672661	4681	3.6703386
4616	3.6642658	4649	3.6673595	4682	3.6704314
4617	3.6643599	4650	3.6674530	4683	3.6705242
4618	3.6644539	4651	3.6675463	4684	3.6706169
4619	3.6645480	4652	3.6676397	4685	3.6707096
4620	3.6646420	4653	3.6677331	4686	3.6708023
4621	3.6647360	4654	3.6678264	4687	3.6708950
4622	3.6648299	4655	3.6679197	4688	3.6709876
4623	3.6649239	4656	3.6680130	4689	3.6710802
4624	3.6650178	4657	3.6681062	4690	3.6711728
4625	3.6651117	4658	3.6681995	4691	3.6712654
4626	3.6652056	4659	3.6682927	4692	3.6713580
4627	3.6652995	4660	3.6683859	4693	3.6714506
4628	3.6653934	4661	3.6684791	4694	3.6715431
4629	3.6654872	4662	3.6685723	4695	3.6716356
4630	3.6655810	4663	3.6686654	4696	3.6717281
4631	3.6656748	4664	3.6687585	4697	3.6718206
4632	3.6657686	4665	3.6688516	4698	3.6719130
4633	3.6658623	4666	3.6689447	4699	3.6720054
4634	3.6659560	4667	3.6690378	4700	3.6720979

N.	Logarith.	N.	Logarith.	N.	Logarith.
4701	3.6721903	4734	3.6752283	4767	3.6782452
4702	3.6722826	4735	3.6753200	4768	3.6783362
4703	3.6723750	4736	3.6754117	4769	3.6784273
4704	3.6724673	4737	3.6755034	4770	3.6785184
4705	3.6725596	4738	3.6755951	4771	3.6786094
4706	3.6726519	4739	3.6756867	4772	3.6787004
4707	3.6727442	4740	3.6757783	4773	3.6787914
4708	3.6728365	4741	3.6758700	4774	3.6788824
4709	3.6729287	4742	3.6759615	4775	3.6789734
4710	3.6730209	4743	3.6760531	4776	3.6790643
4711	3.6731131	4744	3.6761447	4777	3.6791552
4712	3.6732053	4745	3.6762362	4778	3.6792461
4713	3.6732974	4746	3.6763277	4779	3.6793370
4714	3.6733896	4747	3.6764192	4780	3.6794279
4715	3.6734817	4748	3.6765107	4781	3.6795187
4716	3.6735738	4749	3.6766022	4782	3.6796096
4717	3.6736659	4750	3.6766936	4783	3.6797004
4718	3.6737579	4751	3.6767850	4784	3.6797912
4719	3.6738500	4752	3.6768764	4785	3.6798819
4720	3.6739420	4753	3.6769678	4786	3.6799727
4721	3.6740340	4754	3.6770592	4787	3.6800634
4722	3.6741260	4755	3.6771505	4788	3.6801541
4723	3.6742179	4756	3.6772418	4789	3.6802448
4724	3.6743099	4757	3.6773332	4790	3.6803355
4725	3.6744018	4758	3.6774244	4791	3.6804262
4726	3.6744937	4759	3.6775157	4792	3.6805168
4727	3.6745856	4760	3.6776070	4793	3.6806074
4728	3.6746775	4761	3.6776982	4794	3.6806980
4729	3.6747693	4762	3.6777894	4795	3.6807886
4730	3.6748611	4763	3.6778806	4796	3.6808792
4731	3.6749529	4764	3.6779718	4797	3.6809697
4732	3.6750447	4765	3.6780629	4798	3.6810602
4733	3.6751365	4766	3.6781540	4799	3.6811507
4734	3.6752283	4767	3.6782452	4800	3.6812412

N.	Logarith.	N.	Logarith.	N.	Logarith.
4801	3.6813317	4834	3.6843066	4867	3.6872613
4802	3.6814222	4835	3.6843965	4868	3.6873506
4803	3.6815126	4836	3.6844863	4869	3.6874398
4804	3.6816030	4837	3.6845761	4870	3.6875290
4805	3.6816934	4838	3.6846659	4871	3.6876181
4806	3.6817838	4839	3.6847556	4872	3.6877073
4807	3.6818741	4840	3.6848454	4873	3.6877964
4808	3.6819645	4841	3.6849351	4874	3.6878855
4809	3.6820548	4842	3.6850248	4875	3.6879746
4810	3.6821451	4843	3.6851145	4876	3.6880637
4811	3.6822354	4844	3.6852041	4877	3.6881528
4812	3.6823256	4845	3.6852938	4878	3.6882418
4813	3.6824159	4846	3.6853834	4879	3.6883308
4814	3.6825061	4847	3.6854730	4880	3.6884198
4815	3.6825963	4848	3.6855626	4881	3.6885088
4816	3.6826865	4849	3.6856522	4882	3.6885978
4817	3.6827766	4850	3.6857417	4883	3.6886867
4818	3.6828668	4851	3.6858313	4884	3.6887757
4819	3.6829569	4852	3.6859208	4885	3.6888646
4820	3.6830470	4853	3.6860103	4886	3.6889535
4821	3.6831371	4854	3.6860998	4887	3.6890423
4822	3.6832272	4855	3.6861892	4888	3.6891312
4823	3.6833173	4856	3.6862787	4889	3.6892200
4824	3.6834073	4857	3.6863681	4890	3.6893089
4825	3.6834973	4858	3.6864575	4891	3.6893977
4826	3.6835873	4859	3.6865469	4892	3.6894864
4827	3.6836773	4860	3.6866363	4893	3.6895752
4828	3.6837673	4861	3.6867256	4894	3.6896640
4829	3.6838572	4862	3.6868150	4895	3.6897527
4830	3.6839471	4863	3.6869043	4896	3.6898414
4831	3.6840370	4864	3.6869936	4897	3.6899301
4832	3.6841269	4865	3.6870828	4898	3.6900188
4833	3.6842168	4866	3.6871721	4899	3.6901074
4834	3.6843066	4867	3.6872613	4900	3.6901961

N.	Logarith.	N.	Logarith.	N.	Logarith.
4901	3.6902847	4934	3.6931991	4967	3.6960942
4902	3.6903733	4935	3.6932872	4968	3.6961816
4903	3.6904619	4936	3.6933751	4969	3.6962690
4904	3.6905505	4937	3.6934631	4970	3.6963564
4905	3.6906390	4938	3.6935511	4971	3.6964438
4906	3.6907275	4939	3.6936390	4972	3.6965311
4907	3.6908161	4940	3.6937269	4973	3.6966185
4908	3.6909046	4941	3.6938149	4974	3.6967058
4909	3.6909930	4942	3.6939027	4975	3.6967931
4910	3.6910815	4943	3.6939906	4976	3.6968804
4911	3.6911699	4944	3.6940785	4977	3.6969676
4912	3.6912584	4945	3.6941663	4978	3.6970549
4913	3.6913468	4946	3.6942541	4979	3.6971421
4914	3.6914352	4947	3.6943419	4980	3.6972293
4915	3.6915235	4948	3.6944297	4981	3.6973165
4916	3.6916119	4949	3.6945175	4982	3.6974037
4917	3.6917002	4950	3.6946052	4983	3.6974909
4918	3.6917885	4951	3.6946929	4984	3.6975780
4919	3.6918768	4952	3.6947806	4985	3.6976652
4920	3.6919651	4953	3.6948683	4986	3.6977523
4921	3.6920534	4954	3.6949560	4987	3.6978394
4922	3.6921416	4955	3.6950437	4988	3.6979264
4923	3.6922298	4956	3.6951313	4989	3.6980135
4924	3.6923180	4957	3.6952189	4990	3.6981005
4925	3.6924062	4958	3.6953065	4991	3.6981876
4926	3.6924944	4959	3.6953941	4992	3.6982746
4927	3.6925826	4960	3.6954817	4993	3.6983616
4928	3.6926707	4961	3.6955692	4994	3.6984485
4929	3.6927588	4962	3.6956568	4995	3.6985355
4930	3.6928469	4963	3.6957443	4996	3.6986224
4931	3.6929350	4964	3.6958318	4997	3.6987093
4932	3.6930231	4965	3.6959193	4998	3.6987963
4933	3.6931111	4966	3.6960067	4999	3.6988831
4934	3.6931991	4967	3.6960942	5000	3.6989700

N.	Logarith.	N.	Logarith.	N.	Logarith.
5001	3.6990569	5034	3.7019132	5067	3.7047509
5002	3.6991437	5035	3.7019995	5068	3.7048366
5003	3.6992305	5036	3.7020857	5069	3.7049223
5004	3.6993173	5037	3.7021720	5070	3.7050080
5005	3.6994041	5038	3.7022582	5071	3.7050936
5006	3.6994908	5039	3.7023444	5072	3.7051792
5007	3.6995776	5040	3.7024305	5073	3.7052649
5008	3.6996643	5041	3.7025167	5074	3.7053505
5009	3.6997510	5042	3.7026028	5075	3.7054360
5010	3.6998377	5043	3.7026890	5076	3.7055216
5011	3.6999244	5044	3.7027751	5077	3.7056072
5012	3.7000111	5045	3.7028612	5078	3.7056927
5013	3.7000977	5046	3.7029472	5079	3.7057782
5014	3.7001843	5047	3.7030333	5080	3.7058637
5015	3.7002709	5048	3.7031193	5081	3.7059492
5016	3.7003575	5049	3.7032054	5082	3.7060347
5017	3.7004441	5050	3.7032914	5083	3.7061201
5018	3.7005307	5051	3.7033774	5084	3.7062055
5019	3.7006172	5052	3.7034633	5085	3.7062910
5020	3.7007037	5053	3.7035493	5086	3.7063764
5021	3.7007902	5054	3.7036352	5087	3.7064617
5022	3.7008767	5055	3.7037212	5088	3.7065471
5023	3.7009632	5056	3.7038071	5089	3.7066325
5024	3.7010496	5057	3.7038930	5090	3.7067178
5025	3.7011361	5058	3.7039788	5091	3.7068031
5026	3.7012225	5059	3.7040647	5092	3.7068884
5027	3.7013089	5060	3.7041505	5093	3.7069737
5028	3.7013953	5061	3.7042363	5094	3.7070589
5029	3.7014816	5062	3.7043221	5095	3.7071442
5030	3.7015680	5063	3.7044079	5096	3.7072294
5031	3.7016543	5064	3.7044937	5097	3.7073146
5032	3.7017406	5065	3.7045794	5098	3.7073998
5033	3.7018269	5066	3.7046652	5099	3.7074850
5034	3.7019132	5067	3.7047509	5100	3.7075702

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
5101	3.7076553	5134	3.7104559	5167	3.7132385
5102	3.7077405	5135	3.7105404	5168	3.7133225
5103	3.7078256	5136	3.7106250	5169	3.7134065
5104	3.7079107	5137	3.7107096	5170	3.7134905
5105	3.7079957	5138	3.7107941	5171	3.7135745
5106	3.7080808	5139	3.7108786	5172	3.7136585
5107	3.7081659	5140	3.7109631	5173	3.7137425
5108	3.7082509	5141	3.7110476	5174	3.7138264
5109	3.7083359	5142	3.7111321	5175	3.7139104
5110	3.7084209	5143	3.7112165	5176	3.7139943
5111	3.7085059	5144	3.7113010	5177	3.7140782
5112	3.7085908	5145	3.7113854	5178	3.7141620
5113	3.7086758	5146	3.7114698	5179	3.7142459
5114	3.7087607	5147	3.7115542	5180	3.7143298
5115	3.7088456	5148	3.7116385	5181	3.7144136
5116	3.7089305	5149	3.7117229	5182	3.7144974
5117	3.7090154	5150	3.7118072	5183	3.7145812
5118	3.7091003	5151	3.7118915	5184	3.7146650
5119	3.7091851	5152	3.7119759	5185	3.7147488
5120	3.7092700	5153	3.7120601	5186	3.7148325
5121	3.7093548	5154	3.7121444	5187	3.7149162
5122	3.7094396	5155	3.7122287	5188	3.7150000
5123	3.7095244	5156	3.7123129	5189	3.7150837
5124	3.7096091	5157	3.7123971	5190	3.7151674
5125	3.7096939	5158	3.7124813	5191	3.7152510
5126	3.7097786	5159	3.7125655	5192	3.7153347
5127	3.7098633	5160	3.7126497	5193	3.7154183
5128	3.7099480	5161	3.7127339	5194	3.7155019
5129	3.7100327	5162	3.7128180	5195	3.7155856
5130	3.7101174	5163	3.7129021	5196	3.7156691
5131	3.7102020	5164	3.7129862	5197	3.7157527
5132	3.7102866	5165	3.7130703	5198	3.7158363
5133	3.7103713	5166	3.7131544	5199	3.7159198
5134	3.7104559	5167	3.7132385	5200	3.7160033

N.	Logarith.	N.	Logarith.	N.	Logarith.
5201	3.7160869	5234	3.7188337	5267	3.7215633
5202	3.7161703	5235	3.7189167	5268	3.7216458
5203	3.7162538	5236	3.7189996	5269	3.7217282
5204	3.7163373	5237	3.7190826	5270	3.7218106
5205	3.7164207	5238	3.7191655	5271	3.7218930
5206	3.7165042	5239	3.7192484	5272	3.7219754
5207	3.7165876	5240	3.7193313	5273	3.7220578
5208	3.7166710	5241	3.7194142	5274	3.7221401
5209	3.7167544	5242	3.7194970	5275	3.7222225
5210	3.7168377	5243	3.7195799	5276	3.7223048
5211	3.7169211	5244	3.7196627	5277	3.7223871
5212	3.7170044	5245	3.7197455	5278	3.7224694
5213	3.7170877	5246	3.7198283	5279	3.7225517
5214	3.7171710	5247	3.7199111	5280	3.7226339
5215	3.7172543	5248	3.7199938	5281	3.7227162
5216	3.7173376	5249	3.7200766	5282	3.7227984
5217	3.7174208	5250	3.7201593	5283	3.7228806
5218	3.7175041	5251	3.7202420	5284	3.7229628
5219	3.7175873	5252	3.7203247	5285	3.7230450
5220	3.7176705	5253	3.7204074	5286	3.7231272
5221	3.7177537	5254	3.7204901	5287	3.7232093
5222	3.7178369	5255	3.7205727	5288	3.7232914
5223	3.7179200	5256	3.7206554	5289	3.7233736
5224	3.7180032	5257	3.7207380	5290	3.7234557
5225	3.7180863	5258	3.7208206	5291	3.7235378
5226	3.7181694	5259	3.7209032	5292	3.7236198
5227	3.7182525	5260	3.7209857	5293	3.7237019
5228	3.7183356	5261	3.7210683	5294	3.7237839
5229	3.7184186	5262	3.7211508	5295	3.7238660
5230	3.7185017	5263	3.7212334	5296	3.7239480
5231	3.7185847	5264	3.7213159	5297	3.7240300
5232	3.7186677	5265	3.7213984	5298	3.7241120
5233	3.7187507	5266	3.7214809	5299	3.7241939
5234	3.7188337	5267	3.7215633	5300	3.7242759

N.	Logarith.	N.	Logarith.	N.	Logarith.
5301	3.7243578	5334	3.7270530	5367	3.7297316
5302	3.7244397	5335	3.7271344	5368	3.7298125
5303	3.7245216	5336	3.7272158	5369	3.7298934
5304	3.7246035	5337	3.7272972	5370	3.7299743
5305	3.7246854	5338	3.7273786	5371	3.7300552
5306	3.7247672	5339	3.7274599	5372	3.7301360
5307	3.7248491	5340	3.7275413	5373	3.7302168
5308	3.7249309	5341	3.7276226	5374	3.7302977
5309	3.7250127	5342	3.7277039	5375	3.7303785
5310	3.7250945	5343	3.7277852	5376	3.7304593
5311	3.7251763	5344	3.7278664	5377	3.7305400
5312	3.7252581	5345	3.7279477	5378	3.7306208
5313	3.7253398	5346	3.7280290	5379	3.7307015
5314	3.7254216	5347	3.7281102	5380	3.7307823
5315	3.7255033	5348	3.7281914	5381	3.7308630
5316	3.7255850	5349	3.7282726	5382	3.7309437
5317	3.7256667	5350	3.7283538	5383	3.7310244
5318	3.7257483	5351	3.7284350	5384	3.7311051
5319	3.7258300	5352	3.7285161	5385	3.7311857
5320	3.7259116	5353	3.7285972	5386	3.7312663
5321	3.7259933	5354	3.7286784	5387	3.7313470
5322	3.7260749	5355	3.7287595	5388	3.7314276
5323	3.7261565	5356	3.7288406	5389	3.7315082
5324	3.7262380	5357	3.7289216	5390	3.7315888
5325	3.7263196	5358	3.7290027	5391	3.7316693
5326	3.7264012	5359	3.7290838	5392	3.7317499
5327	3.7264827	5360	3.7291648	5393	3.7318304
5328	3.7265642	5361	3.7292458	5394	3.7319109
5329	3.7266457	5362	3.7293268	5395	3.7319914
5330	3.7267272	5363	3.7294078	5396	3.7320719
5331	3.7268087	5364	3.7294888	5397	3.7321524
5332	3.7268901	5365	3.7295697	5398	3.7322329
5333	3.7269716	5366	3.7296507	5399	3.7323133
5334	3.7270530	5367	3.7297316	5400	3.7323938

N.	Logarith.	N.	Logarith.	N.	Logarith.
5401	3.7324742	5434	3.7351196	5467	3.7377491
5402	3.7325546	5435	3.7351995	5468	3.7378285
5403	3.7326350	5436	3.7352794	5469	3.7379079
5404	3.7327153	5437	3.7353593	5470	3.7379873
5405	3.7327957	5438	3.7354392	5471	3.7380667
5406	3.7328760	5439	3.7355191	5472	3.7381461
5407	3.7329564	5440	3.7355989	5473	3.7382254
5408	3.7330367	5441	3.7356787	5474	3.7383048
5409	3.7331170	5442	3.7357585	5475	3.7383841
5410	3.7331973	5443	3.7358383	5476	3.7384634
5411	3.7332775	5444	3.7359181	5477	3.7385427
5412	3.7333578	5445	3.7359979	5478	3.7386220
5413	3.7334380	5446	3.7360776	5479	3.7387013
5414	3.7335183	5447	3.7361574	5480	3.7387806
5415	3.7335985	5448	3.7362371	5481	3.7388598
5416	3.7336787	5449	3.7363168	5482	3.7389390
5417	3.7337588	5450	3.7363965	5483	3.7390182
5418	3.7338390	5451	3.7364762	5484	3.7390974
5419	3.7339192	5452	3.7365558	5485	3.7391766
5420	3.7339993	5453	3.7366355	5486	3.7392558
5421	3.7340794	5454	3.7367151	5487	3.7393350
5422	3.7341595	5455	3.7367948	5488	3.7394141
5423	3.7342396	5456	3.7368744	5489	3.7394932
5424	3.7343197	5457	3.7369540	5490	3.7395723
5425	3.7343997	5458	3.7370335	5491	3.7396514
5426	3.7344798	5459	3.7371131	5492	3.7397305
5427	3.7345598	5460	3.7371926	5493	3.7398096
5428	3.7346398	5461	3.7372722	5494	3.7398887
5429	3.7347198	5462	3.7373517	5495	3.7399677
5430	3.7347998	5463	3.7374312	5496	3.7400467
5431	3.7348798	5464	3.7375107	5497	3.7401257
5432	3.7349598	5465	3.7375902	5498	3.7402047
5433	3.7350397	5466	3.7376696	5499	3.7402837
5434	3.7351196	5467	3.7377491	5500	3.7403627

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
5501	3.7404416	5534	3.7430392	5567	3.7456212
5502	3.7405206	5535	3.7431176	5568	3.7456992
5503	3.7405995	5536	3.7431961	5569	3.7457772
5504	3.7406784	5537	3.7432745	5570	3.7458552
5505	3.7407573	5538	3.7433530	5571	3.7459332
5506	3.7408362	5539	3.7434314	5572	3.7460111
5507	3.7409151	5540	3.7435098	5573	3.7460890
5508	3.7409939	5541	3.7435882	5574	3.7461670
5509	3.7410728	5542	3.7436665	5575	3.7462449
5510	3.7411516	5543	3.7437449	5576	3.7463228
5511	3.7412304	5544	3.7438232	5577	3.7464006
5512	3.7413092	5545	3.7439016	5578	3.7464785
5513	3.7413880	5546	3.7439799	5579	3.7465564
5514	3.7414668	5547	3.7440582	5580	3.7466342
5515	3.7415455	5548	3.7441365	5581	3.7467120
5516	3.7416243	5549	3.7442147	5582	3.7467898
5517	3.7417030	5550	3.7442930	5583	3.7468676
5518	3.7417817	5551	3.7443712	5584	3.7469454
5519	3.7418604	5552	3.7444495	5585	3.7470232
5520	3.7419391	5553	3.7445277	5586	3.7471009
5521	3.7420177	5554	3.7446059	5587	3.7471787
5522	3.7420964	5555	3.7446841	5588	3.7472564
5523	3.7421750	5556	3.7447622	5589	3.7473341
5524	3.7422537	5557	3.7448404	5590	3.7474118
5525	3.7423323	5558	3.7449185	5591	3.7474895
5526	3.7424109	5559	3.7449967	5592	3.7475672
5527	3.7424895	5560	3.7450748	5593	3.7476448
5528	3.7425680	5561	3.7451529	5594	3.7477225
5529	3.7426466	5562	3.7452310	5595	3.7478001
5530	3.7427251	5563	3.7453091	5596	3.7478777
5531	3.7428037	5564	3.7453871	5597	3.7479553
5532	3.7428822	5565	3.7454652	5598	3.7480329
5533	3.7429607	5566	3.7455432	5599	3.7481105
5534	3.7430392	5567	3.7456212	5600	3.7481880

N.	Logarith.	N.	Logarith.	N.	Logarith.
5601	3.7482656	5634	3.7508168	5667	3.7533532
5602	3.7483431	5635	3.7508939	5668	3.7534298
5603	3.7484206	5636	3.7509710	5669	3.7535065
5604	3.7484981	5637	3.7510480	5670	3.7535831
5605	3.7485756	5638	3.7511251	5671	3.7536596
5606	3.7486531	5639	3.7512021	5672	3.7537362
5607	3.7487306	5640	3.7512791	5673	3.7538128
5608	3.7488080	5641	3.7513561	5674	3.7538893
5609	3.7488854	5642	3.7514331	5675	3.7539659
5610	3.7489629	5643	3.7515100	5676	3.7540424
5611	3.7490403	5644	3.7515870	5677	3.7541189
5612	3.7491177	5645	3.7516639	5678	3.7541954
5613	3.7491950	5646	3.7517409	5679	3.7542719
5614	3.7492724	5647	3.7518178	5680	3.7543483
5615	3.7493498	5648	3.7518947	5681	3.7544248
5616	3.7494271	5649	3.7519716	5682	3.7545012
5617	3.7495044	5650	3.7520484	5683	3.7545777
5618	3.7495817	5651	3.7521253	5684	3.7546541
5619	3.7496590	5652	3.7522022	5685	3.7547305
5620	3.7497363	5653	3.7522790	5686	3.7548069
5621	3.7498136	5654	3.7523558	5687	3.7548832
5622	3.7498908	5655	3.7524326	5688	3.7549596
5623	3.7499681	5656	3.7525094	5689	3.7550359
5624	3.7500453	5657	3.7525862	5690	3.7551123
5625	3.7501225	5658	3.7526629	5691	3.7551886
5626	3.7501997	5659	3.7527397	5692	3.7552649
5627	3.7502769	5660	3.7528164	5693	3.7553412
5628	3.7503541	5661	3.7528932	5694	3.7554175
5629	3.7504312	5662	3.7529699	5695	3.7554937
5630	3.7505084	5663	3.7530466	5696	3.7555700
5631	3.7505855	5664	3.7531232	5697	3.7556462
5632	3.7506626	5665	3.7531999	5698	3.7557224
5633	3.7507398	5666	3.7532766	5699	3.7557987
5634	3.7508168	5667	3.7533532	5700	3.7558749

N.	Logarith.	N.	Logarith.	N.	Logarith.
5701	3.7559510	5734	3.7584577	5767	3.7609500
5702	3.7560272	5735	3.7585334	5768	3.7610253
5703	3.7561034	5736	3.7586091	5769	3.7611005
5704	3.7561795	5737	3.7586848	5770	3.7611758
5705	3.7562556	5738	3.7587605	5771	3.7612511
5706	3.7563318	5739	3.7588362	5772	3.7613263
5707	3.7564079	5740	3.7589119	5773	3.7614016
5708	3.7564840	5741	3.7589875	5774	3.7614768
5709	3.7565600	5742	3.7590632	5775	3.7615520
5710	3.7566361	5743	3.7591388	5776	3.7616272
5711	3.7567122	5744	3.7592144	5777	3.7617024
5712	3.7567882	5745	3.7592900	5778	3.7617775
5713	3.7568642	5746	3.7593656	5779	3.7618527
5714	3.7569402	5747	3.7594412	5780	3.7619278
5715	3.7570162	5748	3.7595168	5781	3.7620030
5716	3.7570922	5749	3.7595923	5782	3.7620781
5717	3.7571682	5750	3.7596678	5783	3.7621532
5718	3.7572442	5751	3.7597434	5784	3.7622283
5719	3.7573201	5752	3.7598189	5785	3.7623034
5720	3.7573960	5753	3.7598944	5786	3.7623784
5721	3.7574719	5754	3.7599699	5787	3.7624535
5722	3.7575479	5755	3.7600453	5788	3.7625285
5723	3.7576237	5756	3.7601208	5789	3.7626035
5724	3.7576996	5757	3.7601962	5790	3.7626786
5725	3.7577755	5758	3.7602717	5791	3.7627536
5726	3.7578513	5759	3.7603471	5792	3.7628286
5727	3.7579272	5760	3.7604225	5793	3.7629035
5728	3.7580030	5761	3.7604979	5794	3.7629785
5729	3.7580788	5762	3.7605733	5795	3.7630534
5730	3.7581546	5763	3.7606486	5796	3.7631284
5731	3.7582304	5764	3.7607240	5797	3.7632033
5732	3.7583062	5765	3.7607993	5798	3.7632782
5733	3.7583819	5766	3.7608746	5799	3.7633531
5734	3.7584577	5767	3.7609500	5800	3.7634280

N.	Logarith.	N.	Logarith.	N.	Logarith.
5801	3.7635029	5834	3.7659664	5867	3.7684161
5802	3.7635777	5835	3.7660409	5868	3.7684901
5803	3.7636526	5836	3.7661153	5869	3.7685641
5804	3.7637274	5837	3.7661897	5870	3.7686381
5805	3.7638022	5838	3.7662641	5871	3.7687121
5806	3.7638770	5839	3.7663385	5872	3.7687860
5807	3.7639518	5840	3.7664128	5873	3.7688600
5808	3.7640266	5841	3.7664872	5874	3.7689339
5809	3.7641014	5842	3.7665616	5875	3.7690079
5810	3.7641761	5843	3.7666359	5876	3.7690818
5811	3.7642509	5844	3.7667102	5877	3.7691557
5812	3.7643256	5845	3.7667845	5878	3.7692296
5813	3.7644003	5846	3.7668588	5879	3.7693035
5814	3.7644750	5847	3.7669331	5880	3.7693773
5815	3.7645497	5848	3.7670074	5881	3.7694512
5816	3.7646244	5849	3.7670816	5882	3.7695250
5817	3.7646991	5850	3.7671559	5883	3.7695988
5818	3.7647737	5851	3.7672301	5884	3.7696727
5819	3.7648484	5852	3.7673043	5885	3.7697465
5820	3.7649230	5853	3.7673785	5886	3.7698203
5821	3.7649976	5854	3.7674527	5887	3.7698940
5822	3.7650722	5855	3.7675269	5888	3.7699678
5823	3.7651468	5856	3.7676011	5889	3.7700416
5824	3.7652214	5857	3.7676752	5890	3.7701153
5825	3.7652959	5858	3.7677494	5891	3.7701890
5826	3.7653705	5859	3.7678235	5892	3.7702627
5827	3.7654450	5860	3.7678976	5893	3.7703364
5828	3.7655195	5861	3.7679717	5894	3.7704101
5829	3.7655941	5862	3.7680458	5895	3.7704838
5830	3.7656686	5863	3.7681199	5896	3.7705575
5831	3.7657430	5864	3.7681940	5897	3.7706311
5832	3.7658175	5865	3.7682680	5898	3.7707048
5833	3.7658920	5866	3.7683421	5899	3.7707784
5834	3.7659664	5867	3.7684161	5900	3.7708520

N.	Logarith.	N.	Logarith.	N.	Logarith.
5901	3.7709256	5934	3.7733475	5967	3.7757560
5902	3.7709992	5935	3.7734207	5968	3.7758288
5903	3.7710728	5936	3.7734939	5969	3.7759016
5904	3.7711463	5937	3.7735670	5970	3.7759743
5905	3.7712199	5938	3.7736402	5971	3.7760471
5906	3.7712934	5939	3.7737133	5972	3.7761198
5907	3.7713670	5940	3.7737864	5973	3.7761925
5908	3.7714405	5941	3.7738596	5974	3.7762652
5909	3.7715140	5942	3.7739326	5975	3.7763379
5910	3.7715875	5943	3.7740057	5976	3.7764106
5911	3.7716610	5944	3.7740788	5977	3.7764833
5912	3.7717344	5945	3.7741519	5978	3.7765559
5913	3.7718079	5946	3.7742249	5979	3.7766286
5914	3.7718813	5947	3.7742979	5980	3.7767012
5915	3.7719547	5948	3.7743710	5981	3.7767738
5916	3.7720282	5949	3.7744440	5982	3.7768464
5917	3.7721016	5950	3.7745170	5983	3.7769190
5918	3.7721750	5951	3.7745899	5984	3.7769916
5919	3.7722483	5952	3.7746629	5985	3.7770642
5920	3.7723217	5953	3.7747359	5986	3.7771367
5921	3.7723951	5954	3.7748088	5987	3.7772093
5922	3.7724684	5955	3.7748818	5988	3.7772818
5923	3.7725417	5956	3.7749547	5989	3.7773543
5924	3.7726150	5957	3.7750276	5990	3.7774268
5925	3.7726884	5958	3.7751005	5991	3.7774993
5926	3.7727616	5959	3.7751734	5992	3.7775718
5927	3.7728349	5960	3.7752463	5993	3.7776443
5928	3.7729082	5961	3.7753191	5994	3.7777167
5929	3.7729814	5962	3.7753920	5995	3.7777892
5930	3.7730547	5963	3.7754648	5996	3.7778616
5931	3.7731279	5964	3.7755376	5997	3.7779340
5932	3.7732011	5965	3.7756104	5998	3.7780065
5933	3.7732743	5966	3.7756832	5999	3.7780789
5934	3.7733475	5967	3.7757560	6000	3.7781512

N.	Logarith.	N.	Logarith.	N.	Logarith.
6001	3.7782236	6034	3.7806053	6067	3.7829740
6002	3.7782960	6035	3.7806773	6068	3.7830456
6003	3.7783683	6036	3.7807492	6069	3.7831171
6004	3.7784407	6037	3.7808212	6070	3.7831887
6005	3.7785130	6038	3.7808931	6071	3.7832602
6006	3.7785853	6039	3.7809650	6072	3.7833318
6007	3.7786576	6040	3.7810369	6073	3.7834033
6008	3.7787299	6041	3.7811088	6074	3.7834748
6009	3.7788022	6042	3.7811807	6075	3.7835463
6010	3.7788745	6043	3.7812526	6076	3.7836178
6011	3.7789467	6044	3.7813245	6077	3.7836892
6012	3.7790190	6045	3.7813963	6078	3.7837607
6013	3.7790912	6046	3.7814681	6079	3.7838321
6014	3.7791634	6047	3.7815400	6080	3.7839036
6015	3.7792356	6048	3.7816118	6081	3.7839750
6016	3.7793078	6049	3.7816836	6082	3.7840464
6017	3.7793800	6050	3.7817554	6083	3.7841178
6018	3.7794522	6051	3.7818272	6084	3.7841892
6019	3.7795243	6052	3.7818989	6085	3.7842606
6020	3.7795965	6053	3.7819707	6086	3.7843319
6021	3.7796686	6054	3.7820424	6087	3.7844033
6022	3.7797408	6055	3.7821141	6088	3.7844746
6023	3.7798129	6056	3.7821859	6089	3.7845460
6024	3.7798850	6057	3.7822576	6090	3.7846173
6025	3.7799571	6058	3.7823293	6091	3.7846886
6026	3.7800291	6059	3.7824010	6092	3.7847599
6027	3.7801012	6060	3.7824726	6093	3.7848312
6028	3.7801732	6061	3.7825443	6094	3.7849024
6029	3.7802453	6062	3.7826159	6095	3.7849737
6030	3.7803173	6063	3.7826876	6096	3.7850450
6031	3.7803893	6064	3.7827592	6097	3.7851162
6032	3.7804613	6065	3.7828308	6098	3.7851874
6033	3.7805333	6066	3.7829024	6099	3.7852586
6034	3.7806053	6067	3.7829740	6100	3.7853298

N.	Logarith.	N.	Logarith.	N.	Logarith.
6101	3.7854010	6134	3.7877438	6167	3.7900739
6102	3.7854722	6135	3.7878146	6168	3.7901444
6103	3.7855434	6136	3.7878853	6169	3.7902148
6104	3.7856145	6137	3.7879561	6170	3.7902852
6105	3.7856857	6138	3.7880269	6171	3.7903555
6106	3.7857568	6139	3.7880976	6172	3.7904259
6107	3.7858279	6140	3.7881684	6173	3.7904963
6108	3.7858990	6141	3.7882391	6174	3.7905666
6109	3.7859701	6142	3.7883098	6175	3.7906370
6110	3.7860412	6143	3.7883805	6176	3.7907073
6111	3.7861123	6144	3.7884512	6177	3.7907776
6112	3.7861833	6145	3.7885219	6178	3.7908479
6113	3.7862544	6146	3.7885926	6179	3.7909182
6114	3.7863254	6147	3.7886632	6180	3.7909885
6115	3.7863965	6148	3.7887339	6181	3.7910587
6116	3.7864675	6149	3.7888045	6182	3.7911290
6117	3.7865385	6150	3.7888751	6183	3.7911992
6118	3.7866095	6151	3.7889457	6184	3.7912695
6119	3.7866804	6152	3.7890163	6185	3.7913397
6120	3.7867514	6153	3.7890869	6186	3.7914099
6121	3.7868224	6154	3.7891575	6187	3.7914801
6122	3.7868933	6155	3.7892281	6188	3.7915503
6123	3.7869643	6156	3.7892986	6189	3.7916205
6124	3.7870352	6157	3.7893691	6190	3.7916906
6125	3.7871061	6158	3.7894397	6191	3.7917608
6126	3.7871770	6159	3.7895102	6192	3.7918309
6127	3.7872479	6160	3.7895807	6193	3.7919011
6128	3.7873188	6161	3.7896512	6194	3.7919712
6129	3.7873896	6162	3.7897217	6195	3.7920413
6130	3.7874605	6163	3.7897922	6196	3.7921114
6131	3.7875313	6164	3.7898626	6197	3.7921815
6132	3.7876021	6165	3.7899331	6198	3.7922516
6133	3.7876730	6166	3.7900035	6199	3.7923216
6134	3.7877438	6167	3.7900739	6200	3.7923917

N.	Logarith.	N.	Logarith.	N.	Logarith.
6201	3.7924617	6234	3.7947668	6267	3.7970597
6202	3.7925318	6235	3.7948365	6268	3.7971290
6203	3.7926018	6236	3.7949061	6269	3.7971983
6204	3.7926718	6237	3.7949757	6270	3.7972675
6205	3.7927418	6238	3.7950454	6271	3.7973368
6206	3.7928118	6239	3.7951150	6272	3.7974060
6207	3.7928817	6240	3.7951846	6273	3.7974753
6208	3.7929517	6241	3.7952542	6274	3.7975445
6209	3.7930217	6242	3.7953238	6275	3.7976137
6210	3.7930916	6243	3.7953933	6276	3.7976829
6211	3.7931615	6244	3.7954629	6277	3.7977521
6212	3.7932314	6245	3.7955324	6278	3.7978213
6213	3.7933013	6246	3.7956020	6279	3.7978905
6214	3.7933712	6247	3.7956715	6280	3.7979596
6215	3.7934411	6248	3.7957410	6281	3.7980288
6216	3.7935110	6249	3.7958105	6282	3.7980979
6217	3.7935809	6250	3.7958800	6283	3.7981671
6218	3.7936507	6251	3.7959495	6284	3.7982362
6219	3.7937206	6252	3.7960190	6285	3.7983053
6220	3.7937904	6253	3.7960884	6286	3.7983744
6221	3.7938602	6254	3.7961579	6287	3.7984435
6222	3.7939300	6255	3.7962273	6288	3.7985125
6223	3.7939998	6256	3.7962967	6289	3.7985816
6224	3.7940696	6257	3.7963662	6290	3.7986506
6225	3.7941394	6258	3.7964356	6291	3.7987197
6226	3.7942091	6259	3.7965049	6292	3.7987887
6227	3.7942789	6260	3.7965743	6293	3.7988577
6228	3.7943486	6261	3.7966437	6294	3.7989267
6229	3.7944183	6262	3.7967131	6295	3.7989957
6230	3.7944880	6263	3.7967824	6296	3.7990647
6231	3.7945578	6264	3.7968517	6297	3.7991337
6232	3.7946274	6265	3.7969211	6298	3.7992027
6233	3.7946971	6266	3.7969904	6299	3.7992716
6234	3.7947668	6267	3.7970597	6300	3.7993405

N.	Logarith.	N.	Logarith.	N.	Logarith.
6301	3.7994095	6334	3.8016781	6367	3.8039348
6302	3.7994784	6335	3.8017466	6368	3.8040031
6303	3.7995473	6336	3.8018152	6369	3.8040712
6304	3.7996162	6337	3.8018837	6370	3.8041394
6305	3.7996851	6338	3.8019522	6371	3.8042076
6306	3.7997540	6339	3.8020208	6372	3.8042758
6307	3.7998228	6340	3.8020893	6373	3.8043439
6308	3.7998917	6341	3.8021578	6374	3.8044121
6309	3.7999605	6342	3.8022262	6375	3.8044802
6310	3.8000294	6343	3.8022947	6376	3.8045483
6311	3.8000982	6344	3.8023632	6377	3.8046164
6312	3.8001670	6345	3.8024316	6378	3.8046845
6313	3.8002358	6346	3.8025001	6379	3.8047526
6314	3.8003046	6347	3.8025685	6380	3.8048207
6315	3.8003734	6348	3.8026369	6381	3.8048887
6316	3.8004421	6349	3.8027053	6382	3.8049568
6317	3.8005109	6350	3.8027737	6383	3.8050248
6318	3.8005796	6351	3.8028421	6384	3.8050929
6319	3.8006484	6352	3.8029105	6385	3.8051609
6320	3.8007171	6353	3.8029789	6386	3.8052289
6321	3.8007858	6354	3.8030472	6387	3.8052969
6322	3.8008545	6355	3.8031156	6388	3.8053649
6323	3.8009232	6356	3.8031839	6389	3.8054329
6324	3.8009919	6357	3.8032522	6390	3.8055009
6325	3.8010605	6358	3.8033205	6391	3.8055688
6326	3.8011292	6359	3.8033888	6392	3.8056368
6327	3.8011978	6360	3.8034571	6393	3.8057047
6328	3.8012665	6361	3.8035254	6394	3.8057726
6329	3.8013351	6362	3.8035937	6395	3.8058405
6330	3.8014037	6363	3.8036619	6396	3.8059085
6331	3.8014723	6364	3.8037302	6397	3.8059763
6332	3.8015409	6365	3.8037984	6398	3.8060442
6333	3.8016095	6366	3.8038666	6399	3.8061121
6334	3.8016781	6367	3.8039348	6400	3.8061800

N.	Logarith.	N.	Logarith.	N.	Logarith.
6401	3.8062478	6434	3.8084811	6467	3.8107029
6402	3.8063157	6435	3.8085485	6468	3.8107700
6403	3.8063835	6436	3.8086160	6469	3.8108371
6404	3.8064513	6437	3.8086835	6470	3.8109043
6405	3.8065191	6438	3.8087510	6471	3.8109714
6406	3.8065869	6439	3.8088184	6472	3.8110385
6407	3.8066547	6440	3.8088859	6473	3.8111056
6408	3.8067225	6441	3.8089533	6474	3.8111727
6409	3.8067903	6442	3.8090207	6475	3.8112398
6410	3.8068580	6443	3.8090881	6476	3.8113068
6411	3.8069258	6444	3.8091555	6477	3.8113739
6412	3.8069935	6445	3.8092229	6478	3.8114409
6413	3.8070612	6446	3.8092903	6479	3.8115080
6414	3.8071290	6447	3.8093577	6480	3.8115750
6415	3.8071967	6448	3.8094250	6481	3.8116420
6416	3.8072644	6449	3.8094924	6482	3.8117090
6417	3.8073320	6450	3.8095597	6483	3.8117760
6418	3.8073997	6451	3.8096270	6484	3.8118430
6419	3.8074674	6452	3.8096944	6485	3.8119100
6420	3.8075350	6453	3.8097617	6486	3.8119769
6421	3.8076027	6454	3.8098290	6487	3.8120439
6422	3.8076703	6455	3.8098962	6488	3.8121108
6423	3.8077379	6456	3.8099635	6489	3.8121778
6424	3.8078055	6457	3.8100308	6490	3.8122447
6425	3.8078731	6458	3.8100980	6491	3.8123116
6426	3.8079407	6459	3.8101653	6492	3.8123785
6427	3.8080083	6460	3.8102325	6493	3.8124454
6428	3.8080759	6461	3.8102997	6494	3.8125123
6429	3.8081434	6462	3.8103670	6495	3.8125792
6430	3.8082110	6463	3.8104342	6496	3.8126460
6431	3.8082785	6464	3.8105013	6497	3.8127129
6432	3.8083460	6465	3.8105685	6498	3.8127797
6433	3.8084136	6466	3.8106357	6499	3.8128465
6434	3.8084811	6467	3.8107029	6500	3.8129134

N.	Logarith.	N.	Logarith.	N.	Logarith.
6501	3.8129802	6534	3.8151791	6567	3.8173670
6502	3.8130470	6535	3.8152456	6568	3.8174331
6503	3.8131137	6536	3.8153120	6569	3.8174993
6504	3.8131805	6537	3.8153785	6570	3.8175654
6505	3.8132473	6538	3.8154449	6571	3.8176315
6506	3.8133141	6539	3.8155113	6572	3.8176975
6507	3.8133808	6540	3.8155777	6573	3.8177636
6508	3.8134475	6541	3.8156441	6574	3.8178297
6509	3.8135143	6542	3.8157105	6575	3.8178958
6510	3.8135810	6543	3.8157769	6576	3.8179618
6511	3.8136477	6544	3.8158433	6577	3.8180278
6512	3.8137144	6545	3.8159096	6578	3.8180939
6513	3.8137811	6546	3.8159760	6579	3.8181599
6514	3.8138477	6547	3.8160423	6580	3.8182259
6515	3.8139144	6548	3.8161087	6581	3.8182919
6516	3.8139811	6549	3.8161750	6582	3.8183579
6517	3.8140477	6550	3.8162413	6583	3.8184239
6518	3.8141144	6551	3.8163076	6584	3.8184898
6519	3.8141810	6552	3.8163739	6585	3.8185558
6520	3.8142476	6553	3.8164402	6586	3.8186217
6521	3.8143142	6554	3.8165064	6587	3.8186877
6522	3.8143808	6555	3.8165727	6588	3.8187536
6523	3.8144474	6556	3.8166389	6589	3.8188195
6524	3.8145139	6557	3.8167052	6590	3.8188854
6525	3.8145805	6558	3.8167714	6591	3.8189513
6526	3.8146471	6559	3.8168376	6592	3.8190172
6527	3.8147136	6560	3.8169038	6593	3.8190831
6528	3.8147801	6561	3.8169700	6594	3.8191489
6529	3.8148467	6562	3.8170362	6595	3.8192148
6530	3.8149132	6563	3.8171024	6596	3.8192806
6531	3.8149797	6564	3.8171686	6597	3.8193465
6532	3.8150462	6565	3.8172347	6598	3.8194123
6533	3.8151127	6566	3.8173009	6599	3.8194781
6534	3.8151791	6567	3.8173670	6600	3.8195439

N.	Logarith.	N.	Logarith.	N.	Logarith.
6601	3.8196097	6634	3.8217755	6667	3.8239305
6602	3.8196755	6635	3.8218409	6668	3.8239956
6603	3.8197413	6636	3.8219064	6669	3.8240607
6604	3.8198071	6637	3.8219718	6670	3.8241258
6605	3.8198728	6638	3.8220372	6671	3.8241909
6606	3.8199386	6639	3.8221027	6672	3.8242560
6607	3.8200043	6640	3.8221681	6673	3.8243211
6608	3.8200700	6641	3.8222335	6674	3.8243862
6609	3.8201358	6642	3.8222989	6675	3.8244513
6610	3.8202015	6643	3.8223643	6676	3.8245163
6611	3.8202672	6644	3.8224296	6677	3.8245814
6612	3.8203328	6645	3.8224950	6678	3.8246464
6613	3.8203985	6646	3.8225603	6679	3.8247114
6614	3.8204642	6647	3.8226257	6680	3.8247765
6615	3.8205298	6648	3.8226910	6681	3.8248415
6616	3.8205955	6649	3.8227563	6682	3.8249065
6617	3.8206611	6650	3.8228216	6683	3.8249715
6618	3.8207268	6651	3.8228869	6684	3.8250364
6619	3.8207924	6652	3.8229522	6685	3.8251014
6620	3.8208580	6653	3.8230175	6686	3.8251664
6621	3.8209236	6654	3.8230828	6687	3.8252313
6622	3.8209892	6655	3.8231481	6688	3.8252963
6623	3.8210548	6656	3.8232133	6689	3.8253612
6624	3.8211203	6657	3.8232786	6690	3.8254261
6625	3.8211859	6658	3.8233438	6691	3.8254910
6626	3.8212514	6659	3.8234090	6692	3.8255559
6627	3.8213170	6660	3.8234742	6693	3.8256208
6628	3.8213825	6661	3.8235394	6694	3.8256857
6629	3.8214480	6662	3.8236046	6695	3.8257506
6630	3.8215135	6663	3.8236698	6696	3.8258154
6631	3.8215790	6664	3.8237350	6697	3.8258803
6632	3.8216445	6665	3.8238002	6698	3.8259451
6633	3.8217100	6666	3.8238653	6699	3.8260100
6634	3.8217755	6667	3.8239305	6700	3.8260748

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
6701	3.8261396	6734	3.8282731	6767	3.8303962
6702	3.8262044	6735	3.8283376	6768	3.8304604
6703	3.8262692	6736	3.8284021	6769	3.8305245
6704	3.8263340	6737	3.8284665	6770	3.8305887
6705	3.8263988	6738	3.8285310	6771	3.8306528
6706	3.8264635	6739	3.8285955	6772	3.8307169
6707	3.8265283	6740	3.8286599	6773	3.8307811
6708	3.8265931	6741	3.8287243	6774	3.8308452
6709	3.8266578	6742	3.8287887	6775	3.8309093
6710	3.8267225	6743	3.8288532	6776	3.8309734
6711	3.8267872	6744	3.8289176	6777	3.8310375
6712	3.8268519	6745	3.8289820	6778	3.8311016
6713	3.8269166	6746	3.8290463	6779	3.8311656
6714	3.8269813	6747	3.8291107	6780	3.8312297
6715	3.8270460	6748	3.8291751	6781	3.8312937
6716	3.8271107	6749	3.8292394	6782	3.8313578
6717	3.8271753	6750	3.8293038	6783	3.8314218
6718	3.8272400	6751	3.8293681	6784	3.8314858
6719	3.8273046	6752	3.8294324	6785	3.8315499
6720	3.8273693	6753	3.8294967	6786	3.8316139
6721	3.8274339	6754	3.8295611	6787	3.8316778
6722	3.8274985	6755	3.8296254	6788	3.8317418
6723	3.8275631	6756	3.8296896	6789	3.8318058
6724	3.8276277	6757	3.8297539	6790	3.8318698
6725	3.8276923	6758	3.8298182	6791	3.8319337
6726	3.8277569	6759	3.8298824	6792	3.8319977
6727	3.8278214	6760	3.8299467	6793	3.8320616
6728	3.8278860	6761	3.8300109	6794	3.8321255
6729	3.8279505	6762	3.8300752	6795	3.8321895
6730	3.8280151	6763	3.8301394	6796	3.8322534
6731	3.8280796	6764	3.8302036	6797	3.8323173
6732	3.8281441	6765	3.8302678	6798	3.8323812
6733	3.8282086	6766	3.8303320	6799	3.8324450
6734	3.8282731	6767	3.8303962	6800	3.8325089

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
6801	3.8325728	6834	3.8346750	6867	3.8367670
6802	3.8326366	6835	3.8347385	6868	3.8368303
6803	3.8327005	6836	3.8348021	6869	3.8368935
6804	3.8327643	6837	3.8348656	6870	3.8369567
6805	3.8328281	6838	3.8349291	6871	3.8370199
6806	3.8328919	6839	3.8349926	6872	3.8370832
6807	3.8329558	6840	3.8350561	6873	3.8371463
6808	3.8330195	6841	3.8351196	6874	3.8372095
6809	3.8330833	6842	3.8351831	6875	3.8372727
6810	3.8331471	6843	3.8352465	6876	3.8373359
6811	3.8332109	6844	3.8353100	6877	3.8373990
6812	3.8332746	6845	3.8353735	6878	3.8374622
6813	3.8333384	6846	3.8354369	6879	3.8375253
6814	3.8334021	6847	3.8355003	6880	3.8375884
6815	3.8334659	6848	3.8355638	6881	3.8376516
6816	3.8335296	6849	3.8356272	6882	3.8377147
6817	3.8335933	6850	3.8356906	6883	3.8377778
6818	3.8336570	6851	3.8357540	6884	3.8378409
6819	3.8337207	6852	3.8358174	6885	3.8379039
6820	3.8337844	6853	3.8358807	6886	3.8379670
6821	3.8338480	6854	3.8359441	6887	3.8380301
6822	3.8339117	6855	3.8360075	6888	3.8380931
6823	3.8339754	6856	3.8360708	6889	3.8381562
6824	3.8340390	6857	3.8361341	6890	3.8382192
6825	3.8341027	6858	3.8361975	6891	3.8382822
6826	3.8341663	6859	3.8362608	6892	3.8383453
6827	3.8342299	6860	3.8363241	6893	3.8384083
6828	3.8342935	6861	3.8363874	6894	3.8384713
6829	3.8343571	6862	3.8364507	6895	3.8385343
6830	3.8344207	6863	3.8365140	6896	3.8385973
6831	3.8344843	6864	3.8365773	6897	3.8386602
6832	3.8345479	6865	3.8366405	6898	3.8387232
6833	3.8346114	6866	3.8367038	6899	3.8387861
6834	3.8346750	6867	3.8367670	6900	3.8388491

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
6901	3.8389120	6934	3.8409838	6967	3.8430458
6902	3.8389750	6935	3.8410465	6968	3.8431081
6903	3.8390379	6936	3.8411091	6969	3.8431705
6904	3.8391008	6937	3.8411717	6970	3.8432328
6905	3.8391637	6938	3.8412343	6971	3.8432951
6906	3.8392266	6939	3.8412969	6972	3.8433574
6907	3.8392895	6940	3.8413595	6973	3.8434197
6908	3.8393523	6941	3.8414220	6974	3.8434819
6909	3.8394152	6942	3.8414846	6975	3.8435442
6910	3.8394780	6943	3.8415472	6976	3.8436065
6911	3.8395409	6944	3.8416097	6977	3.8436687
6912	3.8396037	6945	3.8416723	6978	3.8437310
6913	3.8396666	6946	3.8417348	6979	3.8437932
6914	3.8397294	6947	3.8417973	6980	3.8438554
6915	3.8397922	6948	3.8418598	6981	3.8439176
6916	3.8398550	6949	3.8419223	6982	3.8439798
6917	3.8399178	6950	3.8419848	6983	3.8440420
6918	3.8399806	6951	3.8420473	6984	3.8441042
6919	3.8400433	6952	3.8421098	6985	3.8441664
6920	3.8401061	6953	3.8421722	6986	3.8442286
6921	3.8401688	6954	3.8422347	6987	3.8442907
6922	3.8402316	6955	3.8422971	6988	3.8443529
6923	3.8402943	6956	3.8423596	6989	3.8444150
6924	3.8403571	6957	3.8424220	6990	3.8444772
6925	3.8404198	6958	3.8424844	6991	3.8445393
6926	3.8404825	6959	3.8425468	6992	3.8446014
6927	3.8405452	6960	3.8426092	6993	3.8446635
6928	3.8406079	6961	3.8426716	6994	3.8447256
6929	3.8406706	6962	3.8427340	6995	3.8447877
6930	3.8407332	6963	3.8427964	6996	3.8448498
6931	3.8407959	6964	3.8428588	6997	3.8449119
6932	3.8408586	6965	3.8429211	6998	3.8449739
6933	3.8409212	6966	3.8429835	6999	3.8450360
6934	3.8409838	6967	3.8430458	7000	3.8450980

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
7001	3.8451601	7034	3.8472024	7067	3.8492351
7002	3.8452221	7035	3.8472641	7068	3.8492965
7003	3.8452841	7036	3.8473258	7069	3.8493580
7004	3.8453461	7037	3.8473876	7070	3.8494194
7005	3.8454081	7038	3.8474493	7071	3.8494808
7006	3.8454701	7039	3.8475110	7072	3.8495423
7007	3.8455321	7040	3.8475727	7073	3.8496037
7008	3.8455941	7041	3.8476343	7074	3.8496651
7009	3.8456561	7042	3.8476960	7075	3.8497264
7010	3.8457180	7043	3.8477577	7076	3.8497878
7011	3.8457800	7044	3.8478193	7077	3.8498492
7012	3.8458419	7045	3.8478810	7078	3.8499106
7013	3.8459038	7046	3.8479426	7079	3.8499719
7014	3.8459658	7047	3.8480043	7080	3.8500333
7015	3.8460277	7048	3.8480659	7081	3.8500946
7016	3.8460896	7049	3.8481275	7082	3.8501559
7017	3.8461515	7050	3.8481891	7083	3.8502172
7018	3.8462134	7051	3.8482507	7084	3.8502786
7019	3.8462752	7052	3.8483123	7085	3.8503399
7020	3.8463371	7053	3.8483739	7086	3.8504011
7021	3.8463990	7054	3.8484355	7087	3.8504624
7022	3.8464608	7055	3.8484970	7088	3.8505237
7023	3.8465227	7056	3.8485586	7089	3.8505850
7024	3.8465845	7057	3.8486201	7090	3.8506462
7025	3.8466463	7058	3.8486817	7091	3.8507075
7026	3.8467081	7059	3.8487432	7092	3.8507687
7027	3.8467700	7060	3.8488047	7093	3.8508300
7028	3.8468318	7061	3.8488662	7094	3.8508912
7029	3.8468935	7062	3.8489277	7095	3.8509524
7030	3.8469553	7063	3.8489892	7096	3.8510136
7031	3.8470171	7064	3.8490507	7097	3.8510748
7032	3.8470789	7065	3.8491122	7098	3.8511360
7033	3.8471406	7066	3.8491736	7099	3.8511972
7034	3.8472024	7067	3.8492351	7100	3.8512583

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
7101	3.8513195	7134	3.8533331	7167	3.8553374
7102	3.8513807	7135	3.8533940	7168	3.8553980
7103	3.8514418	7136	3.8534548	7169	3.8554586
7104	3.8515030	7137	3.8535157	7170	3.8555192
7105	3.8515641	7138	3.8535765	7171	3.8555797
7106	3.8516252	7139	3.8536374	7172	3.8556403
7107	3.8516863	7140	3.8536982	7173	3.8557008
7108	3.8517474	7141	3.8537590	7174	3.8557614
7109	3.8518085	7142	3.8538198	7175	3.8558219
7110	3.8518696	7143	3.8538807	7176	3.8558824
7111	3.8519307	7144	3.8539414	7177	3.8559429
7112	3.8519917	7145	3.8540022	7178	3.8560035
7113	3.8520528	7146	3.8540630	7179	3.8560640
7114	3.8521139	7147	3.8541238	7180	3.8561244
7115	3.8521749	7148	3.8541845	7181	3.8561849
7116	3.8522359	7149	3.8542453	7182	3.8562454
7117	3.8522970	7150	3.8543060	7183	3.8563059
7118	3.8523580	7151	3.8543668	7184	3.8563663
7119	3.8524190	7152	3.8544275	7185	3.8564268
7120	3.8524800	7153	3.8544882	7186	3.8564872
7121	3.8525410	7154	3.8545489	7187	3.8565476
7122	3.8526020	7155	3.8546096	7188	3.8566081
7123	3.8526629	7156	3.8546703	7189	3.8566685
7124	3.8527239	7157	3.8547310	7190	3.8567289
7125	3.8527849	7158	3.8547917	7191	3.8567893
7126	3.8528458	7159	3.8548524	7192	3.8568497
7127	3.8529068	7160	3.8549130	7193	3.8569101
7128	3.8529677	7161	3.8549737	7194	3.8569704
7129	3.8530286	7162	3.8550343	7195	3.8570308
7130	3.8530895	7163	3.8550950	7196	3.8570912
7131	3.8531504	7164	3.8551556	7197	3.8571515
7132	3.8532113	7165	3.8552162	7198	3.8572118
7133	3.8532722	7166	3.8552768	7199	3.8572722
7134	3.8533331	7167	3.8553374	7200	3.8573325

N.	Logarith.	N.	Logarith.	N.	Logarith.
7201	3.8573928	7234	3.8593785	7267	3.8613552
7202	3.8574531	7235	3.8594385	7268	3.8614149
7203	3.8575134	7236	3.8594986	7269	3.8614747
7204	3.8575737	7237	3.8595586	7270	3.8615344
7205	3.8576340	7238	3.8596186	7271	3.8615941
7206	3.8576943	7239	3.8596786	7272	3.8616539
7207	3.8577545	7240	3.8597386	7273	3.8617136
7208	3.8578148	7241	3.8597985	7274	3.8617733
7209	3.8578750	7242	3.8598585	7275	3.8618330
7210	3.8579353	7243	3.8599185	7276	3.8618927
7211	3.8579955	7244	3.8599784	7277	3.8619524
7212	3.8580557	7245	3.8600384	7278	3.8620121
7213	3.8581159	7246	3.8600983	7279	3.8620717
7214	3.8581761	7247	3.8601583	7280	3.8621314
7215	3.8582363	7248	3.8602182	7281	3.8621910
7216	3.8582965	7249	3.8602781	7282	3.8622507
7217	3.8583567	7250	3.8603380	7283	3.8623103
7218	3.8584169	7251	3.8603979	7284	3.8623699
7219	3.8584770	7252	3.8604578	7285	3.8624296
7220	3.8585372	7253	3.8605177	7286	3.8624892
7221	3.8585973	7254	3.8605776	7287	3.8625488
7222	3.8586575	7255	3.8606374	7288	3.8626084
7223	3.8587176	7256	3.8606973	7289	3.8626680
7224	3.8587777	7257	3.8607571	7290	3.8627275
7225	3.8588379	7258	3.8608170	7291	3.8627871
7226	3.8588980	7259	3.8608768	7292	3.8628467
7227	3.8589581	7260	3.8609366	7293	3.8629062
7228	3.8590181	7261	3.8609964	7294	3.8629658
7229	3.8590782	7262	3.8610562	7295	3.8630253
7230	3.8591383	7263	3.8611160	7296	3.8630848
7231	3.8591984	7264	3.8611758	7297	3.8631443
7232	3.8592584	7265	3.8612356	7298	3.8632039
7233	3.8593185	7266	3.8612954	7299	3.8632634
7234	3.8593785	7267	3.8613552	7300	3.8633229

N.	Logarith.	N.	Logarith.	N.	Logarith.
7301	3.8633823	7334	3.8653409	7367	3.8672907
7302	3.8634418	7335	3.8654001	7368	3.8673496
7303	3.8635013	7336	3.8654593	7369	3.8674086
7304	3.8635608	7337	3.8655185	7370	3.8674675
7305	3.8636202	7338	3.8655777	7371	3.8675264
7306	3.8636797	7339	3.8656369	7372	3.8675853
7307	3.8637391	7340	3.8656961	7373	3.8676442
7308	3.8637985	7341	3.8657552	7374	3.8677031
7309	3.8638580	7342	3.8658144	7375	3.8677620
7310	3.8639174	7343	3.8658735	7376	3.8678209
7311	3.8639768	7344	3.8659327	7377	3.8678798
7312	3.8640362	7345	3.8659918	7378	3.8679387
7313	3.8640956	7346	3.8660509	7379	3.8679975
7314	3.8641550	7347	3.8661100	7380	3.8680564
7315	3.8642143	7348	3.8661691	7381	3.8681152
7316	3.8642737	7349	3.8662282	7382	3.8681740
7317	3.8643331	7350	3.8662873	7383	3.8682329
7318	3.8643924	7351	3.8663464	7384	3.8682917
7319	3.8644517	7352	3.8664055	7385	3.8683505
7320	3.8645111	7353	3.8664646	7386	3.8684093
7321	3.8645704	7354	3.8665236	7387	3.8684681
7322	3.8646297	7355	3.8665827	7388	3.8685269
7323	3.8646890	7356	3.8666417	7389	3.8685857
7324	3.8647483	7357	3.8667008	7390	3.8686444
7325	3.8648076	7358	3.8667598	7391	3.8687032
7326	3.8648669	7359	3.8668188	7392	3.8687620
7327	3.8649262	7360	3.8668778	7393	3.8688207
7328	3.8649855	7361	3.8669368	7394	3.8688794
7329	3.8650447	7362	3.8669958	7395	3.8689382
7330	3.8651040	7363	3.8670548	7396	3.8689969
7331	3.8651632	7364	3.8671138	7397	3.8690556
7332	3.8652225	7365	3.8671728	7398	3.8691143
7333	3.8652817	7366	3.8672317	7399	3.8691730
7334	3.8653409	7367	3.8672907	7400	3.8692317

N.	Logarith.	N.	Logarith.	N.	Logarith.
7401	3.8692904	7434	3.8712226	7467	3.8731462
7402	3.8693491	7435	3.8712810	7468	3.8732043
7403	3.8694077	7436	3.8713394	7469	3.8732625
7404	3.8694664	7437	3.8713978	7470	3.8733206
7405	3.8695251	7438	3.8714562	7471	3.8733787
7406	3.8695837	7439	3.8715146	7472	3.8734369
7407	3.8696423	7440	3.8715729	7473	3.8734950
7408	3.8697010	7441	3.8716313	7474	3.8735531
7409	3.8697596	7442	3.8716897	7475	3.8736112
7410	3.8698182	7443	3.8717480	7476	3.8736693
7411	3.8698768	7444	3.8718064	7477	3.8737274
7412	3.8699354	7445	3.8718647	7478	3.8737855
7413	3.8699940	7446	3.8719230	7479	3.8738435
7414	3.8700526	7447	3.8719814	7480	3.8739016
7415	3.8701112	7448	3.8720397	7481	3.8739597
7416	3.8701697	7449	3.8720980	7482	3.8740177
7417	3.8702283	7450	3.8721563	7483	3.8740757
7418	3.8702868	7451	3.8722146	7484	3.8741338
7419	3.8703454	7452	3.8722728	7485	3.8741918
7420	3.8704039	7453	3.8723311	7486	3.8742498
7421	3.8704624	7454	3.8723894	7487	3.8743078
7422	3.8705210	7455	3.8724477	7488	3.8743658
7423	3.8705795	7456	3.8725059	7489	3.8744238
7424	3.8706380	7457	3.8725641	7490	3.8744818
7425	3.8706965	7458	3.8726224	7491	3.8745398
7426	3.8707549	7459	3.8726806	7492	3.8745978
7427	3.8708134	7460	3.8727388	7493	3.8746557
7428	3.8708719	7461	3.8727970	7494	3.8747137
7429	3.8709304	7462	3.8728552	7495	3.8747716
7430	3.8709888	7463	3.8729134	7496	3.8748296
7431	3.8710473	7464	3.8729716	7497	3.8748875
7432	3.8711057	7465	3.8730298	7498	3.8749454
7433	3.8711641	7466	3.8730880	7499	3.8750034
7434	3.8712226	7467	3.8731462	7500	3.8750613

N.	Logarith.	N.	Logarith.	N.	Logarith.
7501	3.8751192	7534	3.8770256	7567	3.8789237
7502	3.8751771	7535	3.8770833	7568	3.8789811
7503	3.8752349	7536	3.8771409	7569	3.8790385
7504	3.8752928	7537	3.8771985	7570	3.8790959
7505	3.8753507	7538	3.8772561	7571	3.8791532
7506	3.8754086	7539	3.8773137	7572	3.8792106
7507	3.8754664	7540	3.8773713	7573	3.8792680
7508	3.8755243	7541	3.8774289	7574	3.8793253
7509	3.8755821	7542	3.8774865	7575	3.8793826
7510	3.8756399	7543	3.8775441	7576	3.8794400
7511	3.8756978	7544	3.8776017	7577	3.8794973
7512	3.8757556	7545	3.8776592	7578	3.8795546
7513	3.8758134	7546	3.8777168	7579	3.8796119
7514	3.8758712	7547	3.8777743	7580	3.8796692
7515	3.8759290	7548	3.8778319	7581	3.8797265
7516	3.8759868	7549	3.8778894	7582	3.8797838
7517	3.8760446	7550	3.8779470	7583	3.8798411
7518	3.8761023	7551	3.8780045	7584	3.8798983
7519	3.8761601	7552	3.8780620	7585	3.8799556
7520	3.8762178	7553	3.8781195	7586	3.8800128
7521	3.8762756	7554	3.8781770	7587	3.8800701
7522	3.8763333	7555	3.8782345	7588	3.8801273
7523	3.8763911	7556	3.8782919	7589	3.8801846
7524	3.8764488	7557	3.8783494	7590	3.8802418
7525	3.8765065	7558	3.8784069	7591	3.8802990
7526	3.8765642	7559	3.8784643	7592	3.8803562
7527	3.8766219	7560	3.8785218	7593	3.8804134
7528	3.8766796	7561	3.8785792	7594	3.8804706
7529	3.8767373	7562	3.8786367	7595	3.8805278
7530	3.8767950	7563	3.8786941	7596	3.8805850
7531	3.8768526	7564	3.8787515	7597	3.8806421
7532	3.8769103	7565	3.8788089	7598	3.8806993
7533	3.8769680	7566	3.8788663	7599	3.8807564
7534	3.8770256	7567	3.8789237	7600	3.8808136

N.	Logarith.	N.	Logarith.	N.	Logarith.
7601	3.8808707	7634	3.8827522	7667	3.8846255
7602	3.8809279	7635	3.8828090	7668	3.8846821
7603	3.8809850	7636	3.8828659	7669	3.8847387
7604	3.8810421	7637	3.8829228	7670	3.8847954
7605	3.8810992	7638	3.8829797	7671	3.8848520
7606	3.8811563	7639	3.8830365	7672	3.8849086
7607	3.8812134	7640	3.8830934	7673	3.8849652
7608	3.8812705	7641	3.8831502	7674	3.8850218
7609	3.8813276	7642	3.8832070	7675	3.8850784
7610	3.8813847	7643	3.8832639	7676	3.8851350
7611	3.8814417	7644	3.8833207	7677	3.8851915
7612	3.8814988	7645	3.8833775	7678	3.8852481
7613	3.8815558	7646	3.8834343	7679	3.8853047
7614	3.8816129	7647	3.8834911	7680	3.8853612
7615	3.8816699	7648	3.8835479	7681	3.8854178
7616	3.8817269	7649	3.8836047	7682	3.8854743
7617	3.8817840	7650	3.8836614	7683	3.8855308
7618	3.8818410	7651	3.8837182	7684	3.8855874
7619	3.8818980	7652	3.8837750	7685	3.8856439
7620	3.8819550	7653	3.8838317	7686	3.8857004
7621	3.8820120	7654	3.8838885	7687	3.8857569
7622	3.8820689	7655	3.8839452	7688	3.8858134
7623	3.8821259	7656	3.8840019	7689	3.8858699
7624	3.8821829	7657	3.8840586	7690	3.8859263
7625	3.8822398	7658	3.8841154	7691	3.8859828
7626	3.8822968	7659	3.8841721	7692	3.8860393
7627	3.8823537	7660	3.8842288	7693	3.8860957
7628	3.8824107	7661	3.8842855	7694	3.8861522
7629	3.8824676	7662	3.8843421	7695	3.8862086
7630	3.8825245	7663	3.8843988	7696	3.8862651
7631	3.8825815	7664	3.8844555	7697	3.8863215
7632	3.8826384	7665	3.8845122	7698	3.8863779
7633	3.8826953	7666	3.8845688	7699	3.8864343
7634	3.8827522	7667	3.8846255	7700	3.8864907

N.	Logarith.	N.	Logarith.	N.	Logarith.
7701	3.8865471	7734	3.8884042	7767	3.8902533
7702	3.8866035	7735	3.8884603	7768	3.8903092
7703	3.8866599	7736	3.8885165	7769	3.8903651
7704	3.8867163	7737	3.8885726	7770	3.8904210
7705	3.8867726	7738	3.8886287	7771	3.8904769
7706	3.8868290	7739	3.8886848	7772	3.8905328
7707	3.8868854	7740	3.8887410	7773	3.8905887
7708	3.8869417	7741	3.8887971	7774	3.8906445
7709	3.8869980	7742	3.8888532	7775	3.8907004
7710	3.8870544	7743	3.8889093	7776	3.8907563
7711	3.8871107	7744	3.8889653	7777	3.8908121
7712	3.8871670	7745	3.8890214	7778	3.8908679
7713	3.8872233	7746	3.8890775	7779	3.8909238
7714	3.8872796	7747	3.8891336	7780	3.8909796
7715	3.8873359	7748	3.8891896	7781	3.8910354
7716	3.8873922	7749	3.8892457	7782	3.8910912
7717	3.8874485	7750	3.8893017	7783	3.8911470
7718	3.8875048	7751	3.8893577	7784	3.8912028
7719	3.8875610	7752	3.8894138	7785	3.8912586
7720	3.8876173	7753	3.8894698	7786	3.8913144
7721	3.8876736	7754	3.8895258	7787	3.8913702
7722	3.8877298	7755	3.8895818	7788	3.8914259
7723	3.8877860	7756	3.8896378	7789	3.8914817
7724	3.8878423	7757	3.8896938	7790	3.8915375
7725	3.8878985	7758	3.8897498	7791	3.8915932
7726	3.8879547	7759	3.8898058	7792	3.8916489
7727	3.8880109	7760	3.8898617	7793	3.8917047
7728	3.8880671	7761	3.8899177	7794	3.8917604
7729	3.8881233	7762	3.8899736	7795	3.8918161
7730	3.8881795	7763	3.8900296	7796	3.8918718
7731	3.8882357	7764	3.8900855	7797	3.8919275
7732	3.8882918	7765	3.8901415	7798	3.8919832
7733	3.8883480	7766	3.8901974	7799	3.8920389
7734	3.8884042	7767	3.8902533	7800	3.8920946

N.	Logarith.	N.	Logarith.	N.	Logarith.
7801	3.8921503	7834	3.8939836	7867	3.8958092
7802	3.8922059	7835	3.8940390	7868	3.8958644
7803	3.8922616	7836	3.8940944	7869	3.8959195
7804	3.8923173	7837	3.8941498	7870	3.8959748
7805	3.8923729	7838	3.8942053	7871	3.8960299
7806	3.8924285	7839	3.8942607	7872	3.8960851
7807	3.8924842	7840	3.8943161	7873	3.8961403
7808	3.8925398	7841	3.8943715	7874	3.8961954
7809	3.8925954	7842	3.8944268	7875	3.8962506
7810	3.8926510	7843	3.8944822	7876	3.8963057
7811	3.8927066	7844	3.8945376	7877	3.8963608
7812	3.8927622	7845	3.8945929	7878	3.8964160
7813	3.8928178	7846	3.8946483	7879	3.8964711
7814	3.8928734	7847	3.8947037	7880	3.8965262
7815	3.8929290	7848	3.8947590	7881	3.8965813
7816	3.8929846	7849	3.8948143	7882	3.8966364
7817	3.8930401	7850	3.8948697	7883	3.8966915
7818	3.8930957	7851	3.8949250	7884	3.8967466
7819	3.8931512	7852	3.8949803	7885	3.8968017
7820	3.8932068	7853	3.8950356	7886	3.8968568
7821	3.8932623	7854	3.8950909	7887	3.8969118
7822	3.8933178	7855	3.8951462	7888	3.8969669
7823	3.8933733	7856	3.8952015	7889	3.8970220
7824	3.8934288	7857	3.8952568	7890	3.8970770
7825	3.8934843	7858	3.8953120	7891	3.8971320
7826	3.8935398	7859	3.8953673	7892	3.8971871
7827	3.8935953	7860	3.8954225	7893	3.8972421
7828	3.8936508	7861	3.8954778	7894	3.8972971
7829	3.8937063	7862	3.8955330	7895	3.8973521
7830	3.8937618	7863	3.8955883	7896	3.8974071
7831	3.8938172	7864	3.8956435	7897	3.8974621
7832	3.8938727	7865	3.8956987	7898	3.8975171
7833	3.8939281	7866	3.8957539	7899	3.8975721
7834	3.8939836	7867	3.8958092	7900	3.8976271

N.	Logarith.	N.	Logarith.	N.	Logarith.
7901	3.8976821	7934	3.8994922	7967	3.9012948
7902	3.8977370	7935	3.8995469	7968	3.9013493
7903	3.8977920	7936	3.8996017	7969	3.9014038
7904	3.8978469	7937	3.8996564	7970	3.9014583
7905	3.8979019	7938	3.8997111	7971	3.9015128
7906	3.8979568	7939	3.8997658	7972	3.9015673
7907	3.8980117	7940	3.8998205	7973	3.9016218
7908	3.8980667	7941	3.8998752	7974	3.9016762
7909	3.8981216	7942	3.8999299	7975	3.9017307
7910	3.8981765	7943	3.8999846	7976	3.9017851
7911	3.8982314	7944	3.9000392	7977	3.9018396
7912	3.8982863	7945	3.9000939	7978	3.9018940
7913	3.8983412	7946	3.9001486	7979	3.9019485
7914	3.8983960	7947	3.9002032	7980	3.9020029
7915	3.8984509	7948	3.9002579	7981	3.9020573
7916	3.8985058	7949	3.9003125	7982	3.9021117
7917	3.8985606	7950	3.9003671	7983	3.9021661
7918	3.8986155	7951	3.9004218	7984	3.9022205
7919	3.8986703	7952	3.9004764	7985	3.9022749
7920	3.8987252	7953	3.9005310	7986	3.9023293
7921	3.8987800	7954	3.9005856	7987	3.9023837
7922	3.8988348	7955	3.9006402	7988	3.9024381
7923	3.8988897	7956	3.9006948	7989	3.9024924
7924	3.8989445	7957	3.9007494	7990	3.9025468
7925	3.8989993	7958	3.9008039	7991	3.9026011
7926	3.8990541	7959	3.9008585	7992	3.9026555
7927	3.8991089	7960	3.9009131	7993	3.9027098
7928	3.8991636	7961	3.9009676	7994	3.9027641
7929	3.8992184	7962	3.9010222	7995	3.9028185
7930	3.8992732	7963	3.9010767	7996	3.9028728
7931	3.8993279	7964	3.9011313	7997	3.9029271
7932	3.8993827	7965	3.9011858	7998	3.9029814
7933	3.8994375	7966	3.9012403	7999	3.9030357
7934	3.8994922	7967	3.9012948	8000	3.9030900

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
8001	3.9031443	8034	3.9049318	8067	3.9067121
8002	3.9031985	8035	3.9049859	8068	3.9067659
8003	3.9032528	8036	3.9050399	8069	3.9068197
8004	3.9033071	8037	3.9050940	8070	3.9068735
8005	3.9033613	8038	3.9051480	8071	3.9069273
8006	3.9034156	8039	3.9052020	8072	3.9069812
8007	3.9034698	8040	3.9052560	8073	3.9070350
8008	3.9035241	8041	3.9053101	8074	3.9070887
8009	3.9035783	8042	3.9053641	8075	3.9071425
8010	3.9036325	8043	3.9054181	8076	3.9071963
8011	3.9036867	8044	3.9054721	8077	3.9072501
8012	3.9037409	8045	3.9055260	8078	3.9073038
8013	3.9037951	8046	3.9055800	8079	3.9073576
8014	3.9038493	8047	3.9056340	8080	3.9074114
8015	3.9039035	8048	3.9056880	8081	3.9074651
8016	3.9039577	8049	3.9057419	8082	3.9075188
8017	3.9040119	8050	3.9057959	8083	3.9075726
8018	3.9040661	8051	3.9058498	8084	3.9076263
8019	3.9041202	8052	3.9059038	8085	3.9076800
8020	3.9041744	8053	3.9059577	8086	3.9077337
8021	3.9042285	8054	3.9060116	8087	3.9077874
8022	3.9042827	8055	3.9060655	8088	3.9078411
8023	3.9043368	8056	3.9061195	8089	3.9078948
8024	3.9043909	8057	3.9061734	8090	3.9079485
8025	3.9044450	8058	3.9062273	8091	3.9080022
8026	3.9044992	8059	3.9062812	8092	3.9080559
8027	3.9045533	8060	3.9063350	8093	3.9081095
8028	3.9046074	8061	3.9063889	8094	3.9081632
8029	3.9046615	8062	3.9064428	8095	3.9082169
8030	3.9047155	8063	3.9064967	8096	3.9082705
8031	3.9047696	8064	3.9065505	8097	3.9083241
8032	3.9048237	8065	3.9066044	8098	3.9083778
8033	3.9048778	8066	3.9066582	8099	3.9084314
8034	3.9049318	8067	3.9067121	8100	3.9084850

N.	Logarith.	N.	Logarith.	N.	Logarith.
8101	3.9085386	8134	3.9103042	8167	3.9120626
8102	3.9085922	8135	3.9103576	8168	3.9121157
8103	3.9086458	8136	3.9104109	8169	3.9121689
8104	3.9086994	8137	3.9104643	8170	3.9122221
8105	3.9087530	8138	3.9105177	8171	3.9122752
8106	3.9088066	8139	3.9105710	8172	3.9123284
8107	3.9088602	8140	3.9106244	8173	3.9123815
8108	3.9089137	8141	3.9106778	8174	3.9124346
8109	3.9089673	8142	3.9107311	8175	3.9124878
8110	3.9090209	8143	3.9107844	8176	3.9125409
8111	3.9090744	8144	3.9108378	8177	3.9125940
8112	3.9091279	8145	3.9108911	8178	3.9126471
8113	3.9091815	8146	3.9109444	8179	3.9127002
8114	3.9092350	8147	3.9109977	8180	3.9127533
8115	3.9092885	8148	3.9110510	8181	3.9128064
8116	3.9093420	8149	3.9111043	8182	3.9128595
8117	3.9093955	8150	3.9111576	8183	3.9129126
8118	3.9094490	8151	3.9112109	8184	3.9129656
8119	3.9095025	8152	3.9112642	8185	3.9130187
8120	3.9095560	8153	3.9113174	8186	3.9130717
8121	3.9096095	8154	3.9113707	8187	3.9131248
8122	3.9096630	8155	3.9114240	8188	3.9131778
8123	3.9097165	8156	3.9114772	8189	3.9132309
8124	3.9097699	8157	3.9115305	8190	3.9132839
8125	3.9098234	8158	3.9115837	8191	3.9133369
8126	3.9098768	8159	3.9116369	8192	3.9133899
8127	3.9099303	8160	3.9116902	8193	3.9134430
8128	3.9099837	8161	3.9117434	8194	3.9134960
8129	3.9100371	8162	3.9117966	8195	3.9135490
8130	3.9100905	8163	3.9118498	8196	3.9136019
8131	3.9101440	8164	3.9119030	8197	3.9136549
8132	3.9101974	8165	3.9119562	8198	3.9137079
8133	3.9102508	8166	3.9120094	8199	3.9137609
8134	3.9103042	8167	3.9120626	8200	3.9138139

N.	Logarith.	N.	Logarith.	N.	Logarith.
8201	3.9138668	8234	3.9156109	8267	3.9173479
8202	3.9139198	8235	3.9156636	8268	3.9174005
8203	3.9139727	8236	3.9157163	8269	3.9174530
8204	3.9140257	8237	3.9157691	8270	3.9175055
8205	3.9140786	8238	3.9158218	8271	3.9175580
8206	3.9141315	8239	3.9158745	8272	3.9176105
8207	3.9141844	8240	3.9159272	8273	3.9176630
8208	3.9142373	8241	3.9159799	8274	3.9177155
8209	3.9142903	8242	3.9160326	8275	3.9177680
8210	3.9143432	8243	3.9160853	8276	3.9178205
8211	3.9143961	8244	3.9161380	8277	3.9178730
8212	3.9144489	8245	3.9161907	8278	3.9179254
8213	3.9145018	8246	3.9162433	8279	3.9179779
8214	3.9145547	8247	3.9162960	8280	3.9180303
8215	3.9146076	8248	3.9163487	8281	3.9180828
8216	3.9146604	8249	3.9164013	8282	3.9181352
8217	3.9147133	8250	3.9164539	8283	3.9181877
8218	3.9147661	8251	3.9165066	8284	3.9182401
8219	3.9148190	8252	3.9165592	8285	3.9182925
8220	3.9148718	8253	3.9166118	8286	3.9183449
8221	3.9149246	8254	3.9166645	8287	3.9183973
8222	3.9149775	8255	3.9167171	8288	3.9184497
8223	3.9150303	8256	3.9167697	8289	3.9185021
8224	3.9150831	8257	3.9168223	8290	3.9185545
8225	3.9151359	8258	3.9168749	8291	3.9186069
8226	3.9151887	8259	3.9169275	8292	3.9186593
8227	3.9152415	8260	3.9169800	8293	3.9187117
8228	3.9152943	8261	3.9170326	8294	3.9187640
8229	3.9153471	8262	3.9170852	8295	3.9188164
8230	3.9153998	8263	3.9171378	8296	3.9188687
8231	3.9154526	8264	3.9171903	8297	3.9189211
8232	3.9155054	8265	3.9172429	8298	3.9189734
8233	3.9155581	8266	3.9172954	8299	3.9190258
8234	3.9156109	8267	3.9173479	8300	3.9190781

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
8301	3.9191304	8334	3.9208535	8367	3.9225698
8302	3.9191827	8335	3.9209056	8368	3.9226217
8303	3.9192350	8336	3.9209577	8369	3.9226736
8304	3.9192873	8337	3.9210098	8370	3.9227255
8305	3.9193396	8338	3.9210619	8371	3.9227773
8306	3.9193919	8339	3.9211140	8372	3.9228292
8307	3.9194442	8340	3.9211661	8373	3.9228811
8308	3.9194965	8341	3.9212181	8374	3.9229330
8309	3.9195488	8342	3.9212702	8375	3.9229848
8310	3.9196010	8343	3.9213222	8376	3.9230367
8311	3.9196533	8344	3.9213743	8377	3.9230885
8312	3.9197055	8345	3.9214263	8378	3.9231404
8313	3.9197578	8346	3.9214784	8379	3.9231922
8314	3.9198100	8347	3.9215304	8380	3.9232440
8315	3.9198623	8348	3.9215824	8381	3.9232958
8316	3.9199145	8349	3.9216345	8382	3.9233477
8317	3.9199667	8350	3.9216865	8383	3.9233995
8318	3.9200189	8351	3.9217385	8384	3.9234513
8319	3.9200711	8352	3.9217905	8385	3.9235031
8320	3.9201233	8353	3.9218425	8386	3.9235549
8321	3.9201755	8354	3.9218945	8387	3.9236066
8322	3.9202277	8355	3.9219465	8388	3.9236584
8323	3.9202799	8356	3.9219984	8389	3.9237102
8324	3.9203321	8357	3.9220504	8390	3.9237620
8325	3.9203842	8358	3.9221024	8391	3.9238137
8326	3.9204364	8359	3.9221543	8392	3.9238655
8327	3.9204886	8360	3.9222063	8393	3.9239172
8328	3.9205407	8361	3.9222582	8394	3.9239690
8329	3.9205929	8362	3.9223102	8395	3.9240207
8330	3.9206450	8363	3.9223621	8396	3.9240724
8331	3.9206971	8364	3.9224140	8397	3.9241242
8332	3.9207493	8365	3.9224659	8398	3.9241759
8333	3.9208014	8366	3.9225179	8399	3.9242276
8334	3.9208535	8367	3.9225698	8400	3.9242793

N.	Logarith.	N.	Logarith.	N.	Logarith.
8401	3.9243310	8434	3.9260336	8467	3.9277296
8402	3.9243827	8435	3.9260851	8468	3.9277808
8403	3.9244344	8436	3.9261366	8469	3.9278321
8404	3.9244860	8437	3.9261880	8470	3.9278834
8405	3.9245377	8438	3.9262395	8471	3.9279347
8406	3.9245894	8439	3.9262910	8472	3.9279859
8407	3.9246410	8440	3.9263424	8473	3.9280372
8408	3.9246927	8441	3.9263939	8474	3.9280885
8409	3.9247444	8442	3.9264453	8475	3.9281397
8410	3.9247960	8443	3.9264968	8476	3.9281909
8411	3.9248476	8444	3.9265482	8477	3.9282422
8412	3.9248993	8445	3.9265997	8478	3.9282934
8413	3.9249509	8446	3.9266511	8479	3.9283446
8414	3.9250025	8447	3.9267025	8480	3.9283959
8415	3.9250541	8448	3.9267539	8481	3.9284471
8416	3.9251057	8449	3.9268053	8482	3.9284983
8417	3.9251573	8450	3.9268567	8483	3.9285495
8418	3.9252089	8451	3.9269081	8484	3.9286007
8419	3.9252605	8452	3.9269595	8485	3.9286518
8420	3.9253121	8453	3.9270109	8486	3.9287030
8421	3.9253637	8454	3.9270622	8487	3.9287542
8422	3.9254152	8455	3.9271136	8488	3.9288054
8423	3.9254668	8456	3.9271650	8489	3.9288565
8424	3.9255184	8457	3.9272163	8490	3.9289077
8425	3.9255699	8458	3.9272677	8491	3.9289588
8426	3.9256215	8459	3.9273190	8492	3.9290100
8427	3.9256730	8460	3.9273704	8493	3.9290611
8428	3.9257245	8461	3.9274217	8494	3.9291123
8429	3.9257761	8462	3.9274730	8495	3.9291634
8430	3.9258276	8463	3.9275243	8496	3.9292145
8431	3.9258791	8464	3.9275757	8497	3.9292656
8432	3.9259306	8465	3.9276270	8498	3.9293167
8433	3.9259821	8466	3.9276783	8499	3.9293678
8434	3.9260336	8467	3.9277296	8500	3.9294189

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
8501	3.9294700	8534	3.9311526	8567	3.9328288
8502	3.9295211	8535	3.9312035	8568	3.9328795
8503	3.9295722	8536	3.9312544	8569	3.9329301
8504	3.9296233	8537	3.9313053	8570	3.9329808
8505	3.9296743	8538	3.9313562	8571	3.9330315
8506	3.9297254	8539	3.9314070	8572	3.9330822
8507	3.9297764	8540	3.9314579	8573	3.9331328
8508	3.9298275	8541	3.9315087	8574	3.9331835
8509	3.9298785	8542	3.9315596	8575	3.9332341
8510	3.9299296	8543	3.9316104	8576	3.9332848
8511	3.9299806	8544	3.9316612	8577	3.9333354
8512	3.9300316	8545	3.9317121	8578	3.9333860
8513	3.9300826	8546	3.9317629	8579	3.9334367
8514	3.9301336	8547	3.9318137	8580	3.9334873
8515	3.9301847	8548	3.9318645	8581	3.9335379
8516	3.9302357	8549	3.9319153	8582	3.9335885
8517	3.9302866	8550	3.9319661	8583	3.9336391
8518	3.9303376	8551	3.9320169	8584	3.9336897
8519	3.9303886	8552	3.9320677	8585	3.9337403
8520	3.9304396	8553	3.9321185	8586	3.9337909
8521	3.9304906	8554	3.9321692	8587	3.9338415
8522	3.9305415	8555	3.9322200	8588	3.9338920
8523	3.9305925	8556	3.9322708	8589	3.9339426
8524	3.9306434	8557	3.9323215	8590	3.9339932
8525	3.9306944	8558	3.9323723	8591	3.9340437
8526	3.9307453	8559	3.9324230	8592	3.9340943
8527	3.9307963	8560	3.9324738	8593	3.9341448
8528	3.9308472	8561	3.9325245	8594	3.9341953
8529	3.9308981	8562	3.9325752	8595	3.9342459
8530	3.9309490	8563	3.9326259	8596	3.9342964
8531	3.9309999	8564	3.9326767	8597	3.9343469
8532	3.9310508	8565	3.9327274	8598	3.9343974
8533	3.9311017	8566	3.9327781	8599	3.9344479
8534	3.9311526	8567	3.9328288	8600	3.9344985

N.	Logarith.	N.	Logarith.	N.	Logarith.
8601	3.9345489	8634	3.9362120	8667	3.9378688
8602	3.9345994	8635	3.9362623	8668	3.9379189
8603	3.9346499	8636	3.9363126	8669	3.9379690
8604	3.9347004	8637	3.9363629	8670	3.9380191
8605	3.9347509	8638	3.9364132	8671	3.9380692
8606	3.9348013	8639	3.9364635	8672	3.9381193
8607	3.9348518	8640	3.9365137	8673	3.9381693
8608	3.9349023	8641	3.9365640	8674	3.9382194
8609	3.9349527	8642	3.9366143	8675	3.9382695
8610	3.9350032	8643	3.9366645	8676	3.9383195
8611	3.9350536	8644	3.9367148	8677	3.9383696
8612	3.9351040	8645	3.9367650	8678	3.9384196
8613	3.9351544	8646	3.9368152	8679	3.9384697
8614	3.9352049	8647	3.9368655	8680	3.9385197
8615	3.9352553	8648	3.9369157	8681	3.9385698
8616	3.9353057	8649	3.9369659	8682	3.9386198
8617	3.9353561	8650	3.9370161	8683	3.9386698
8618	3.9354065	8651	3.9370663	8684	3.9387198
8619	3.9354569	8652	3.9371165	8685	3.9387698
8620	3.9355073	8653	3.9371667	8686	3.9388198
8621	3.9355576	8654	3.9372169	8687	3.9388698
8622	3.9356080	8655	3.9372671	8688	3.9389198
8623	3.9356584	8656	3.9373172	8689	3.9389698
8624	3.9357087	8657	3.9373674	8690	3.9390198
8625	3.9357591	8658	3.9374176	8691	3.9390697
8626	3.9358095	8659	3.9374677	8692	3.9391197
8627	3.9358598	8660	3.9375179	8693	3.9391697
8628	3.9359101	8661	3.9375680	8694	3.9392196
8629	3.9359605	8662	3.9376182	8695	3.9392696
8630	3.9360108	8663	3.9376683	8696	3.9393195
8631	3.9360611	8664	3.9377184	8697	3.9393695
8632	3.9361114	8665	3.9377686	8698	3.9394194
8633	3.9361617	8666	3.9378187	8699	3.9394693
8634	3.9362120	8667	3.9378688	8700	3.9395193

N.	Logarith.	N.	Logarith.	N.	Logarith.
8701	3.9395692	8734	3.9412132	8767	3.9428510
8702	3.9396191	8735	3.9412629	8768	3.9429005
8703	3.9396690	8736	3.9413126	8769	3.9429501
8704	3.9397189	8737	3.9413623	8770	3.9429996
8705	3.9397688	8738	3.9414120	8771	3.9430491
8706	3.9398187	8739	3.9414617	8772	3.9430986
8707	3.9398685	8740	3.9415114	8773	3.9431481
8708	3.9399184	8741	3.9415611	8774	3.9431976
8709	3.9399683	8742	3.9416108	8775	3.9432471
8710	3.9400182	8743	3.9416605	8776	3.9432966
8711	3.9400680	8744	3.9417101	8777	3.9433461
8712	3.9401179	8745	3.9417598	8778	3.9433956
8713	3.9401677	8746	3.9418095	8779	3.9434450
8714	3.9402176	8747	3.9418591	8780	3.9434945
8715	3.9402674	8748	3.9419088	8781	3.9435440
8716	3.9403172	8749	3.9419584	8782	3.9435934
8717	3.9403670	8750	3.9420081	8783	3.9436429
8718	3.9404169	8751	3.9420577	8784	3.9436923
8719	3.9404667	8752	3.9421073	8785	3.9437418
8720	3.9405165	8753	3.9421569	8786	3.9437912
8721	3.9405663	8754	3.9422065	8787	3.9438406
8722	3.9406161	8755	3.9422562	8788	3.9438900
8723	3.9406659	8756	3.9423058	8789	3.9439395
8724	3.9407157	8757	3.9423553	8790	3.9439889
8725	3.9407654	8758	3.9424049	8791	3.9440383
8726	3.9408152	8759	3.9424545	8792	3.9440877
8727	3.9408650	8760	3.9425041	8793	3.9441371
8728	3.9409147	8761	3.9425537	8794	3.9441865
8729	3.9409645	8762	3.9426032	8795	3.9442358
8730	3.9410142	8763	3.9426528	8796	3.9442852
8731	3.9410640	8764	3.9427024	8797	3.9443346
8732	3.9411137	8765	3.9427519	8798	3.9443840
8733	3.9411635	8766	3.9428015	8799	3.9444333
8734	3.9412132	8767	3.9428510	8800	3.9444827

N.	Logarith.	N.	Logarith.	N.	Logarith.
8801	3.9445320	8834	3.9461574	8867	3.9477767
8802	3.9445814	8835	3.9462066	8868	3.9478257
8803	3.9446307	8836	3.9462557	8869	3.9478747
8804	3.9446800	8837	3.9463049	8870	3.9479236
8805	3.9447294	8838	3.9463540	8871	3.9479726
8806	3.9447787	8839	3.9464031	8872	3.9480215
8807	3.9448280	8840	3.9464523	8873	3.9480705
8808	3.9448773	8841	3.9465014	8874	3.9481194
8809	3.9449266	8842	3.9465505	8875	3.9481684
8810	3.9449759	8843	3.9465996	8876	3.9482173
8811	3.9450252	8844	3.9466487	8877	3.9482662
8812	3.9450745	8845	3.9466978	8878	3.9483151
8813	3.9451238	8846	3.9467469	8879	3.9483641
8814	3.9451730	8847	3.9467960	8880	3.9484130
8815	3.9452223	8848	3.9468451	8881	3.9484619
8816	3.9452716	8849	3.9468942	8882	3.9485108
8817	3.9453208	8850	3.9469433	8883	3.9485597
8818	3.9453701	8851	3.9469923	8884	3.9486085
8819	3.9454193	8852	3.9470414	8885	3.9486574
8820	3.9454686	8853	3.9470905	8886	3.9487063
8821	3.9455178	8854	3.9471395	8887	3.9487552
8822	3.9455671	8855	3.9471886	8888	3.9488040
8823	3.9456163	8856	3.9472376	8889	3.9488529
8824	3.9456655	8857	3.9472866	8890	3.9489018
8825	3.9457147	8858	3.9473357	8891	3.9489506
8826	3.9457639	8859	3.9473847	8892	3.9489995
8827	3.9458131	8860	3.9474337	8893	3.9490483
8828	3.9458623	8861	3.9474827	8894	3.9490971
8829	3.9459115	8862	3.9475317	8895	3.9491460
8830	3.9459607	8863	3.9475807	8896	3.9491948
8831	3.9460099	8864	3.9476297	8897	3.9492436
8832	3.9460591	8865	3.9476787	8898	3.9492924
8833	3.9461081	8866	3.9477277	8899	3.9493412
8834	3.9461574	8867	3.9477767	8900	3.9493900

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
8901	3.9494388	8934	3.9510459	8967	3.9526472
8902	3.9494876	8935	3.9510946	8968	3.9526956
8903	3.9495364	8936	3.9511432	8969	3.9527440
8904	3.9495852	8937	3.9511918	8970	3.9527924
8905	3.9496339	8938	3.9512404	8971	3.9528409
8906	3.9496827	8939	3.9512889	8972	3.9528893
8907	3.9497315	8940	3.9513375	8973	3.9529377
8908	3.9497802	8941	3.9513861	8974	3.9529861
8909	3.9498290	8942	3.9514347	8975	3.9530345
8910	3.9498777	8943	3.9514832	8976	3.9530828
8911	3.9499264	8944	3.9515318	8977	3.9531312
8912	3.9499752	8945	3.9515803	8978	3.9531796
8913	3.9500239	8946	3.9516289	8979	3.9532280
8914	3.9500726	8947	3.9516774	8980	3.9532763
8915	3.9501213	8948	3.9517260	8981	3.9533247
8916	3.9501701	8949	3.9517745	8982	3.9533731
8917	3.9502188	8950	3.9518230	8983	3.9534214
8918	3.9502675	8951	3.9518716	8984	3.9534697
8919	3.9503162	8952	3.9519201	8985	3.9535181
8920	3.9503649	8953	3.9519686	8986	3.9535664
8921	3.9504135	8954	3.9520171	8987	3.9536147
8922	3.9504622	8955	3.9520656	8988	3.9536631
8923	3.9505109	8956	3.9521141	8989	3.9537114
8924	3.9505596	8957	3.9521626	8990	3.9537597
8925	3.9506082	8958	3.9522111	8991	3.9538080
8926	3.9506569	8959	3.9522595	8992	3.9538563
8927	3.9507055	8960	3.9523080	8993	3.9539046
8928	3.9507542	8961	3.9523565	8994	3.9539529
8929	3.9508028	8962	3.9524049	8995	3.9540012
8930	3.9508515	8963	3.9524534	8996	3.9540494
8931	3.9509001	8964	3.9525018	8997	3.9540977
8932	3.9509487	8965	3.9525503	8998	3.9541460
8933	3.9509973	8966	3.9525987	8999	3.9541943
8934	3.9510459	8967	3.9526472	9000	3.9542425

N.	Logarith.	N.	Logarith.	N.	Logarith.
9001	3.9542908	9034	3.9558801	9067	3.9574636
9002	3.9543390	9035	3.9559282	9068	3.9575115
9003	3.9543873	9036	3.9559762	9069	3.9575594
9004	3.9544355	9037	3.9560243	9070	3.9576073
9005	3.9544837	9038	3.9560723	9071	3.9576552
9006	3.9545319	9039	3.9561204	9072	3.9577030
9007	3.9545802	9040	3.9561684	9073	3.9577509
9008	3.9546284	9041	3.9562165	9074	3.9577988
9009	3.9546766	9042	3.9562645	9075	3.9578466
9010	3.9547248	9043	3.9563125	9076	3.9578945
9011	3.9547730	9044	3.9563606	9077	3.9579423
9012	3.9548212	9045	3.9564086	9078	3.9579902
9013	3.9548694	9046	3.9564566	9079	3.9580380
9014	3.9549176	9047	3.9565046	9080	3.9580858
9015	3.9549657	9048	3.9565526	9081	3.9581337
9016	3.9550139	9049	3.9566006	9082	3.9581815
9017	3.9550621	9050	3.9566486	9083	3.9582293
9018	3.9551102	9051	3.9566966	9084	3.9582771
9019	3.9551584	9052	3.9567445	9085	3.9583249
9020	3.9552065	9053	3.9567925	9086	3.9583727
9021	3.9552547	9054	3.9568405	9087	3.9584205
9022	3.9553028	9055	3.9568885	9088	3.9584683
9023	3.9553510	9056	3.9569364	9089	3.9585161
9024	3.9553991	9057	3.9569844	9090	3.9585639
9025	3.9554472	9058	3.9570323	9091	3.9586117
9026	3.9554953	9059	3.9570803	9092	3.9586594
9027	3.9555434	9060	3.9571282	9093	3.9587072
9028	3.9555916	9061	3.9571761	9094	3.9587549
9029	3.9556397	9062	3.9572241	9095	3.9588027
9030	3.9556878	9063	3.9572720	9096	3.9588505
9031	3.9557358	9064	3.9573199	9097	3.9588982
9032	3.9557839	9065	3.9573678	9098	3.9589459
9033	3.9558320	9066	3.9574157	9099	3.9589937
9034	3.9558801	9067	3.9574636	9100	3.9590414

N.	Logarith.	N.	Logarith.	N.	Logarith.
9101	3.9590891	9134	3.9606610	9167	3.9622272
9102	3.9591368	9135	3.9607086	9168	3.9622746
9103	3.9591845	9136	3.9607561	9169	3.9623220
9104	3.9592322	9137	3.9608036	9170	3.9623693
9105	3.9592800	9138	3.9608512	9171	3.9624167
9106	3.9593276	9139	3.9608987	9172	3.9624640
9107	3.9593753	9140	3.9609462	9173	3.9625114
9108	3.9594230	9141	3.9609937	9174	3.9625587
9109	3.9594707	9142	3.9610412	9175	3.9626061
9110	3.9595184	9143	3.9610887	9176	3.9626534
9111	3.9595660	9144	3.9611362	9177	3.9627007
9112	3.9596137	9145	3.9611837	9178	3.9627481
9113	3.9596614	9146	3.9612312	9179	3.9627954
9114	3.9597090	9147	3.9612787	9180	3.9628427
9115	3.9597567	9148	3.9613262	9181	3.9628900
9116	3.9598043	9149	3.9613736	9182	3.9629373
9117	3.9598520	9150	3.9614211	9183	3.9629846
9118	3.9598996	9151	3.9614686	9184	3.9630319
9119	3.9599472	9152	3.9615160	9185	3.9630792
9120	3.9599948	9153	3.9615635	9186	3.9631264
9121	3.9600425	9154	3.9616109	9187	3.9631737
9122	3.9600901	9155	3.9616583	9188	3.9632210
9123	3.9601377	9156	3.9617058	9189	3.9632683
9124	3.9601853	9157	3.9617532	9190	3.9633155
9125	3.9602329	9158	3.9618006	9191	3.9633628
9126	3.9602805	9159	3.9618481	9192	3.9634100
9127	3.9603280	9160	3.9618955	9193	3.9634573
9128	3.9603756	9161	3.9619429	9194	3.9635045
9129	3.9604232	9162	3.9619903	9195	3.9635517
9130	3.9604708	9163	3.9620377	9196	3.9635990
9131	3.9605183	9164	3.9620851	9197	3.9636462
9132	3.9605659	9165	3.9621325	9198	3.9636934
9133	3.9606135	9166	3.9621799	9199	3.9637406
9134	3.9606610	9167	3.9622272	9200	3.9637878

N.	Logarith.	N.	Logarith.	N.	Logarith.
9201	3.9638350	9234	3.9653899	9267	3.9669392
9202	3.9638822	9235	3.9654369	9268	3.9669860
9203	3.9639294	9236	3.9654839	9269	3.9670329
9204	3.9639766	9237	3.9655309	9270	3.9670797
9205	3.9640238	9238	3.9655780	9271	3.9671266
9206	3.9640710	9239	3.9656250	9272	3.9671734
9207	3.9641181	9240	3.9656720	9273	3.9672203
9208	3.9641653	9241	3.9657190	9274	3.9672671
9209	3.9642125	9242	3.9657660	9275	3.9673139
9210	3.9642596	9243	3.9658130	9276	3.9673607
9211	3.9643068	9244	3.9658599	9277	3.9674076
9212	3.9643539	9245	3.9659069	9278	3.9674544
9213	3.9644011	9246	3.9659539	9279	3.9675012
9214	3.9644482	9247	3.9660009	9280	3.9675480
9215	3.9644953	9248	3.9660478	9281	3.9675948
9216	3.9645425	9249	3.9660948	9282	3.9676416
9217	3.9645896	9250	3.9661417	9283	3.9676884
9218	3.9646367	9251	3.9661887	9284	3.9677351
9219	3.9646838	9252	3.9662356	9285	3.9677819
9220	3.9647309	9253	3.9662826	9286	3.9678287
9221	3.9647780	9254	3.9663295	9287	3.9678754
9222	3.9648251	9255	3.9663764	9288	3.9679222
9223	3.9648722	9256	3.9664233	9289	3.9679690
9224	3.9649193	9257	3.9664703	9290	3.9680157
9225	3.9649664	9258	3.9665172	9291	3.9680625
9226	3.9650135	9259	3.9665641	9292	3.9681092
9227	3.9650605	9260	3.9666110	9293	3.9681559
9228	3.9651076	9261	3.9666579	9294	3.9682027
9229	3.9651546	9262	3.9667048	9295	3.9682494
9230	3.9652017	9263	3.9667517	9296	3.9682961
9231	3.9652488	9264	3.9667985	9297	3.9683428
9232	3.9652958	9265	3.9668454	9298	3.9683895
9233	3.9653428	9266	3.9668923	9299	3.9684362
9234	3.9653899	9267	3.9669392	9300	3.9684829

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
9301	3.9685296	9334	3.9700678	9367	3.9716005
9302	3.9685763	9335	3.9701143	9368	3.9716469
9303	3.9686230	9336	3.9701608	9369	3.9716932
9304	3.9686697	9337	3.9702074	9370	3.9717396
9305	3.9687164	9338	3.9702539	9371	3.9717859
9306	3.9687630	9339	3.9703004	9372	3.9718323
9307	3.9688097	9340	3.9703469	9373	3.9718786
9308	3.9688564	9341	3.9703934	9374	3.9719249
9309	3.9689030	9342	3.9704399	9375	3.9719713
9310	3.9689497	9343	3.9704863	9376	3.9720176
9311	3.9689963	9344	3.9705328	9377	3.9720639
9312	3.9690430	9345	3.9705793	9378	3.9721102
9313	3.9690896	9346	3.9706258	9379	3.9721565
9314	3.9691362	9347	3.9706722	9380	3.9722028
9315	3.9691829	9348	3.9707187	9381	3.9722491
9316	3.9692295	9349	3.9707652	9382	3.9722954
9317	3.9692761	9350	3.9708116	9383	3.9723417
9318	3.9693227	9351	3.9708581	9384	3.9723880
9319	3.9693693	9352	3.9709045	9385	3.9724343
9320	3.9694159	9353	3.9709509	9386	3.9724805
9321	3.9694625	9354	3.9709974	9387	3.9725268
9322	3.9695091	9355	3.9710438	9388	3.9725731
9323	3.9695557	9356	3.9710902	9389	3.9726193
9324	3.9696023	9357	3.9711366	9390	3.9726656
9325	3.9696488	9358	3.9711830	9391	3.9727118
9326	3.9696954	9359	3.9712294	9392	3.9727581
9327	3.9697420	9360	3.9712758	9393	3.9728043
9328	3.9697885	9361	3.9713222	9394	3.9728506
9329	3.9698351	9362	3.9713686	9395	3.9728968
9330	3.9698816	9363	3.9714150	9396	3.9729430
9331	3.9699282	9364	3.9714614	9397	3.9729892
9332	3.9699747	9365	3.9715078	9398	3.9730354
9333	3.9700213	9366	3.9715542	9399	3.9730816
9334	3.9700678	9367	3.9716005	9400	3.9731279

N.	Logarith.	N.	Logarith.	N.	Logarith.
9401	3.9731741	9434	3.9746959	9467	3.9762124
9402	3.9732202	9435	3.9747419	9468	3.9762582
9403	3.9732664	9436	3.9747879	9469	3.9763041
9404	3.9733126	9437	3.9748340	9470	3.9763500
9405	3.9733588	9438	3.9748800	9471	3.9763958
9406	3.9734050	9439	3.9749260	9472	3.9764417
9407	3.9734511	9440	3.9749720	9473	3.9764875
9408	3.9734973	9441	3.9750180	9474	3.9765334
9409	3.9735435	9442	3.9750640	9475	3.9765792
9410	3.9735896	9443	3.9751100	9476	3.9766251
9411	3.9736358	9444	3.9751560	9477	3.9766709
9412	3.9736819	9445	3.9752020	9478	3.9767167
9413	3.9737281	9446	3.9752479	9479	3.9767625
9414	3.9737742	9447	3.9752939	9480	3.9768083
9415	3.9738203	9448	3.9753399	9481	3.9768541
9416	3.9738664	9449	3.9753858	9482	3.9769000
9417	3.9739126	9450	3.9754318	9483	3.9769458
9418	3.9739587	9451	3.9754778	9484	3.9769915
9419	3.9740048	9452	3.9755237	9485	3.9770373
9420	3.9740509	9453	3.9755697	9486	3.9770831
9421	3.9740970	9454	3.9756156	9487	3.9771289
9422	3.9741431	9455	3.9756615	9488	3.9771747
9423	3.9741892	9456	3.9757075	9489	3.9772204
9424	3.9742353	9457	3.9757534	9490	3.9772662
9425	3.9742814	9458	3.9757993	9491	3.9773120
9426	3.9743274	9459	3.9758452	9492	3.9773577
9427	3.9743735	9460	3.9758911	9493	3.9774035
9428	3.9744196	9461	3.9759370	9494	3.9774492
9429	3.9744656	9462	3.9759829	9495	3.9774950
9430	3.9745117	9463	3.9760288	9496	3.9775407
9431	3.9745577	9464	3.9760747	9497	3.9775864
9432	3.9746038	9465	3.9761206	9498	3.9776322
9433	3.9746498	9466	3.9761665	9499	3.9776779
9434	3.9746959	9467	3.9762124	9500	3.9777236

N.	Logarith.	N.	Logarith.	N.	Logarith.
9501	3.9777693	9534	3.9792751	9567	3.9807758
9502	3.9778150	9535	3.9793207	9568	3.9808212
9503	3.9778607	9536	3.9793662	9569	3.9808666
9504	3.9779064	9537	3.9794118	9570	3.9809119
9505	3.9779521	9538	3.9794573	9571	3.9809573
9506	3.9779978	9539	3.9795028	9572	3.9810027
9507	3.9780435	9540	3.9795484	9573	3.9810481
9508	3.9780892	9541	3.9795939	9574	3.9810934
9509	3.9781348	9542	3.9796394	9575	3.9811388
9510	3.9781805	9543	3.9796849	9576	3.9811841
9511	3.9782262	9544	3.9797304	9577	3.9812295
9512	3.9782718	9545	3.9797759	9578	3.9812748
9513	3.9783175	9546	3.9798214	9579	3.9813202
9514	3.9783631	9547	3.9798669	9580	3.9813655
9515	3.9784088	9548	3.9799124	9581	3.9814108
9516	3.9784544	9549	3.9799579	9582	3.9814562
9517	3.9785001	9550	3.9800034	9583	3.9815015
9518	3.9785457	9551	3.9800488	9584	3.9815468
9519	3.9785913	9552	3.9800943	9585	3.9815921
9520	3.9786369	9553	3.9801398	9586	3.9816374
9521	3.9786826	9554	3.9801852	9587	3.9816827
9522	3.9787282	9555	3.9802307	9588	3.9817280
9523	3.9787738	9556	3.9802761	9589	3.9817733
9524	3.9788194	9557	3.9803216	9590	3.9818186
9525	3.9788650	9558	3.9803670	9591	3.9818639
9526	3.9789106	9559	3.9804125	9592	3.9819092
9527	3.9789562	9560	3.9804579	9593	3.9819544
9528	3.9790017	9561	3.9805033	9594	3.9819997
9529	3.9790473	9562	3.9805487	9595	3.9820450
9530	3.9790929	9563	3.9805942	9596	3.9820902
9531	3.9791385	9564	3.9806396	9597	3.9821355
9532	3.9791840	9565	3.9806850	9598	3.9821807
9533	3.9792296	9566	3.9807304	9599	3.9822260
9534	3.9792751	9567	3.9807758	9600	3.9822712

N.	Logarith.	N.	Logarith.	N.	Logarith.
9601	3.9823165	9634	3.9838066	9667	3.9852917
9602	3.9823617	9635	3.9838517	9668	3.9853366
9603	3.9824069	9636	3.9838968	9669	3.9853816
9604	3.9824522	9637	3.9839419	9670	3.9854265
9605	3.9824974	9638	3.9839869	9671	3.9854714
9606	3.9825426	9639	3.9840320	9672	3.9855163
9607	3.9825878	9640	3.9840770	9673	3.9855612
9608	3.9826330	9641	3.9841221	9674	3.9856061
9609	3.9826782	9642	3.9841671	9675	3.9856510
9610	3.9827234	9643	3.9842122	9676	3.9856959
9611	3.9827686	9644	3.9842572	9677	3.9857407
9612	3.9828138	9645	3.9843022	9678	3.9857856
9613	3.9828589	9646	3.9843473	9679	3.9858305
9614	3.9829041	9647	3.9843923	9680	3.9858754
9615	3.9829493	9648	3.9844373	9681	3.9859202
9616	3.9829945	9649	3.9844823	9682	3.9859651
9617	3.9830396	9650	3.9845273	9683	3.9860099
9618	3.9830848	9651	3.9845723	9684	3.9860548
9619	3.9831299	9652	3.9846173	9685	3.9860996
9620	3.9831751	9653	3.9846623	9686	3.9861445
9621	3.9832202	9654	3.9847073	9687	3.9861893
9622	3.9832654	9655	3.9847523	9688	3.9862341
9623	3.9833105	9656	3.9847973	9689	3.9862790
9624	3.9833556	9657	3.9848422	9690	3.9863238
9625	3.9834007	9658	3.9848872	9691	3.9863686
9626	3.9834459	9659	3.9849322	9692	3.9864134
9627	3.9834910	9660	3.9849771	9693	3.9864582
9628	3.9835361	9661	3.9850221	9694	3.9865030
9629	3.9835812	9662	3.9850670	9695	3.9865478
9630	3.9836263	9663	3.9851120	9696	3.9865926
9631	3.9836714	9664	3.9851569	9697	3.9866374
9632	3.9837165	9665	3.9852019	9698	3.9866822
9633	3.9837616	9666	3.9852468	9699	3.9867270
9634	3.9838066	9667	3.9852917	9700	3.9867717

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
9701	3.9868165	9734	3.9882913	9767	3.9897612
9702	3.9868613	9735	3.9883360	9768	3.9898057
9703	3.9869060	9736	3.9883806	9769	3.9898501
9704	3.9869508	9737	3.9884252	9770	3.9898946
9705	3.9869955	9738	3.9884698	9771	3.9899390
9706	3.9870403	9739	3.9885144	9772	3.9899835
9707	3.9870850	9740	3.9885590	9773	3.9900279
9708	3.9871298	9741	3.9886035	9774	3.9900723
9709	3.9871745	9742	3.9886481	9775	3.9901168
9710	3.9872192	9743	3.9886927	9776	3.9901612
9711	3.9872640	9744	3.9887373	9777	3.9902056
9712	3.9873087	9745	3.9887818	9778	3.9902500
9713	3.9873534	9746	3.9888264	9779	3.9902944
9714	3.9873981	9747	3.9888710	9780	3.9903389
9715	3.9874428	9748	3.9889155	9781	3.9903833
9716	3.9874875	9749	3.9889601	9782	3.9904277
9717	3.9875322	9750	3.9890046	9783	3.9904721
9718	3.9875769	9751	3.9890492	9784	3.9905164
9719	3.9876216	9752	3.9890937	9785	3.9905608
9720	3.9876663	9753	3.9891382	9786	3.9906052
9721	3.9877109	9754	3.9891828	9787	3.9906496
9722	3.9877556	9755	3.9892273	9788	3.9906940
9723	3.9878003	9756	3.9892718	9789	3.9907383
9724	3.9878450	9757	3.9893163	9790	3.9907827
9725	3.9878896	9758	3.9893608	9791	3.9908270
9726	3.9879343	9759	3.9894053	9792	3.9908714
9727	3.9879789	9760	3.9894498	9793	3.9909158
9728	3.9880236	9761	3.9894943	9794	3.9909601
9729	3.9880682	9762	3.9895388	9795	3.9910044
9730	3.9881128	9763	3.9895833	9796	3.9910488
9731	3.9881575	9764	3.9896278	9797	3.9910931
9732	3.9882021	9765	3.9896722	9798	3.9911374
9733	3.9882467	9766	3.9897167	9799	3.9911818
9734	3.9882913	9767	3.9897612	9800	3.9912261

N.	Logarith.	N.	Logarith.	N.	Logarith.
9801	3.9912704	9834	3.9927302	9867	3.9941851
9802	3.9913147	9835	3.9927744	9868	3.9942291
9803	3.9913590	9836	3.9928185	9869	3.9942731
9804	3.9914033	9837	3.9928627	9870	3.9943172
9805	3.9914476	9838	3.9929068	9871	3.9943612
9806	3.9914919	9839	3.9929510	9872	3.9944051
9807	3.9915362	9840	3.9929951	9873	3.9944491
9808	3.9915805	9841	3.9930392	9874	3.9944931
9809	3.9916247	9842	3.9930834	9875	3.9945371
9810	3.9916690	9843	3.9931275	9876	3.9945811
9811	3.9917133	9844	3.9931716	9877	3.9946251
9812	3.9917575	9845	3.9932157	9878	3.9946690
9813	3.9918018	9846	3.9932598	9879	3.9947130
9814	3.9918461	9847	3.9933039	9880	3.9947569
9815	3.9918903	9848	3.9933480	9881	3.9948009
9816	3.9919345	9849	3.9933921	9882	3.9948448
9817	3.9919788	9850	3.9934362	9883	3.9948888
9818	3.9920230	9851	3.9934803	9884	3.9949327
9819	3.9920673	9852	3.9935244	9885	3.9949767
9820	3.9921115	9853	3.9935685	9886	3.9950206
9821	3.9921557	9854	3.9936126	9887	3.9950645
9822	3.9921999	9855	3.9936566	9888	3.9951085
9823	3.9922441	9856	3.9937007	9889	3.9951524
9824	3.9922884	9857	3.9937448	9890	3.9951963
9825	3.9923326	9858	3.9937888	9891	3.9952402
9826	3.9923768	9859	3.9938329	9892	3.9952841
9827	3.9924210	9860	3.9938769	9893	3.9953280
9828	3.9924651	9861	3.9939210	9894	3.9953719
9829	3.9925093	9862	3.9939650	9895	3.9954158
9830	3.9925535	9863	3.9940090	9896	3.9954597
9831	3.9925977	9864	3.9940531	9897	3.9955036
9832	3.9926419	9865	3.9940971	9898	3.9955474
9833	3.9926860	9866	3.9941411	9899	3.9955913
9834	3.9927302	9867	3.9941851	9900	3.9956352

N.	Logarithh.	N.	Logarithh.	N.	Logarithh.
9901	3.9956791	9934	3.9971242	9967	3.9985645
9902	3.9957229	9935	3.9971679	9968	3.9986080
9903	3.9957668	9936	3.9972116	9969	3.9986516
9904	3.9958106	9937	3.9972553	9970	3.9986952
9905	3.9958545	9938	3.9972990	9971	3.9987387
9906	3.9958983	9939	3.9973427	9972	3.9987823
9907	3.9959422	9940	3.9973864	9973	3.9988258
9908	3.9959860	9941	3.9974301	9974	3.9988694
9909	3.9960298	9942	3.9974738	9975	3.9989129
9910	3.9960737	9943	3.9975174	9976	3.9989564
9911	3.9961175	9944	3.9975611	9977	3.9990000
9912	3.9961613	9945	3.9976048	9978	3.9990435
9913	3.9962051	9946	3.9976485	9979	3.9990870
9914	3.9962489	9947	3.9976921	9980	3.9991305
9915	3.9962927	9948	3.9977358	9981	3.9991741
9916	3.9963365	9949	3.9977794	9982	3.9992176
9917	3.9963803	9950	3.9978231	9983	3.9992611
9918	3.9964241	9951	3.9978667	9984	3.9993046
9919	3.9964679	9952	3.9979104	9985	3.9993481
9920	3.9965117	9953	3.9979540	9986	3.9993916
9921	3.9965554	9954	3.9979976	9987	3.9994350
9922	3.9965992	9955	3.9980413	9988	3.9994785
9923	3.9966430	9956	3.9980849	9989	3.9995220
9924	3.9966868	9957	3.9981285	9990	3.9995655
9925	3.9967305	9958	3.9981721	9991	3.9996090
9926	3.9967743	9959	3.9982157	9992	3.9996524
9927	3.9968180	9960	3.9982593	9993	3.9996959
9928	3.9968618	9961	3.9983029	9994	3.9997393
9929	3.9969055	9962	3.9983465	9995	3.9997828
9930	3.9969492	9963	3.9983901	9996	3.9998262
9931	3.9969930	9964	3.9984337	9997	3.9998697
9932	3.9970367	9965	3.9984773	9998	3.9999131
9933	3.9970804	9966	3.9985209	9999	3.9999566
9934	3.9971242	9967	3.9985645	10000	4.0000000

T A B V L A
N U M E R O R V M Q V A D R A T O R V M

E T

C V B I C O R V M

A B 1 V S Q V E A D 1000.

N.	Quadr.	Cub.	N.	Quadr.	Cub.
1	1	1	36	1296	46656
2	4	8	37	1369	50653
3	9	27	38	1444	54872
4	16	64	39	1521	59319
5	25	125	40	1600	64000
6	36	216	41	1681	68921
7	49	343	42	1764	74088
8	64	512	43	1849	79507
9	81	729	44	1936	85184
10	100	1000	45	2025	91125
11	121	1331	46	2116	97336
12	144	1728	47	2209	103823
13	169	2197	48	2304	110592
14	196	2744	49	2401	117649
15	225	3375	50	2500	125000
16	256	4096	51	2601	132651
17	289	4913	52	2704	140608
18	324	5832	53	2809	148877
19	361	6859	54	2916	157464
20	400	8000	55	3025	166375
21	441	9261	56	3136	175616
22	484	10648	57	3249	185193
23	529	12167	58	3364	195112
24	576	13824	59	3481	205379
25	625	15625	60	3600	216000
26	676	17576	61	3721	226981
27	729	19683	62	3844	238328
28	784	21952	63	3969	250047
29	841	24389	64	4096	262144
30	900	27000	65	4225	274625
31	961	29791	66	4356	287496
32	1024	32768	67	4489	300763
33	1089	35937	68	4624	314432
34	1156	39304	69	4761	328509
35	1225	42875	70	4900	343000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
71	5041	357911	106	11236	1191016
72	5184	373248	107	11449	1225043
73	5329	389017	108	11664	1259712
74	5476	405224	109	11881	1295029
75	5625	421875	110	12100	1331000
76	5776	438976	111	12321	1367631
77	5929	456533	112	12544	1404928
78	6084	474552	113	12769	1442897
79	6241	493039	114	12996	1481544
80	6400	512000	115	13225	1520875
81	6561	531441	116	13456	1560896
82	6724	551368	117	13689	1601613
83	6889	571787	118	13924	1643032
84	7056	592704	119	14161	1685159
85	7225	614125	120	14400	1728000
86	7396	636056	121	14641	1771561
87	7569	658503	122	14884	1815848
88	7744	681472	123	15129	1860867
89	7921	704969	124	15376	1906624
90	8100	729000	125	15625	1953125
91	8281	753571	126	15876	2000376
92	8464	778688	127	16129	2048383
93	8649	804357	128	16384	2097152
94	8836	830584	129	16641	2146689
95	9025	857375	130	16900	2197000
96	9216	884736	131	17161	2248091
97	9409	912673	132	17424	2299968
98	9604	941192	133	17689	2352637
99	9801	970299	134	17956	2406104
100	10000	1000000	135	18225	2460375
101	10201	1030301	136	18496	2515456
102	10404	1061208	137	18769	2571353
103	10609	1092727	138	19044	2628072
104	10816	1124864	139	19321	2685619
105	11025	1157625	140	19600	2744000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
141	19881	2803221	176	30976	5451776
142	20164	2863288	177	31329	5545233
143	20449	2924207	178	31684	5639752
144	20736	2985984	179	32041	5735339
145	21025	3048625	180	32400	5832000
146	21316	3112136	181	32761	5929741
147	21609	3176523	182	33124	6028568
148	21904	3241792	183	33489	6128487
149	22201	3307949	184	33856	6229504
150	22500	3375000	185	34225	6331625
151	22801	3442951	186	34596	6434856
152	23104	3511808	187	34969	6539203
153	23409	3581577	188	35344	6644672
154	23716	3652264	189	35721	6751269
155	24025	3723875	190	36100	6859000
156	24336	3796416	191	36481	6967871
157	24649	3869893	192	36864	7077888
158	24964	3944312	193	37249	7189057
159	25281	4019679	194	37636	7301384
160	25600	4096000	195	38025	7414875
161	25921	4173281	196	38416	7529536
162	26244	4251528	197	38809	7645373
163	26569	4330747	198	39204	7762392
164	26896	4410944	199	39601	7880599
165	27225	4492125	200	40000	8000000
166	27556	4574296	201	40401	8120601
167	27889	4657463	202	40804	8242408
168	28224	4741632	203	41209	8365427
169	28561	4826809	204	41616	8489664
170	28900	4913000	205	42025	8615125
171	29241	5000211	206	42436	8741816
172	29584	5088448	207	42849	8869743
173	29929	5177717	208	43264	8998912
174	30276	5268024	209	43681	9129329
175	30625	5359375	210	44100	9261000

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211	44521	9393931	246	60516	14880936
212	44944	9528128	247	61009	15069223
213	45369	9663597	248	61504	15252992
214	45796	9800344	249	62001	15438249
215	46225	9938375	250	62500	15625000
216	46656	10077696	251	63001	15813251
217	47089	10218313	252	63504	16003008
218	47524	10360232	253	64009	16194277
219	47961	10503459	254	64516	16387064
220	48400	10648000	255	65025	16581375
221	48841	10793861	256	65536	16777216
222	49284	10941048	257	66049	16974593
223	49729	11089567	258	66564	17173512
224	50176	11239424	259	67081	17373979
225	50625	11390625	260	67600	17576000
226	51076	11543176	261	68121	17779581
227	51529	11697083	262	68644	17984728
228	51984	11852352	263	69169	18191447
229	52441	12008989	264	69696	18399744
230	52900	12167000	265	70225	18609625
231	53361	12326391	266	70756	18821096
232	53824	12487168	267	71289	19034163
233	54289	12649337	268	71824	19248832
234	54756	12812904	269	72361	19465109
235	55225	12977875	270	72900	19683000
236	55696	13144256	271	73441	19902511
237	56169	13312053	272	73984	20123648
238	56644	13481272	273	74529	20346417
239	57121	13651919	274	75076	20570824
240	57600	13824000	275	75625	20796875
241	58081	13997521	276	76176	21024576
242	58564	14172488	277	76729	21253933
243	59049	14348907	278	77284	21484952
244	59536	14526784	279	77841	21717639
245	60025	14706125	280	78400	21952000

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281	78961	22188041	316	99856	31554496
282	79524	22425768	317	100489	31855013
283	80089	22665187	318	101124	32157432
284	80656	22906304	319	101761	32461759
285	81225	23149125	320	102400	32768000
286	81796	23393656	321	103041	33076161
287	82369	23639903	322	103684	33386248
288	82944	23887872	323	104329	33698267
289	83521	24137569	324	104976	34012224
290	84100	24389000	325	105625	34328125
291	84681	24642171	326	106276	34645976
292	85264	24897088	327	106929	34965783
293	85849	25153757	328	107584	35287552
294	86436	25412184	329	108241	35611289
295	87025	25672375	330	108900	35937000
296	87616	25934336	331	109561	36264691
297	88209	26198073	332	110224	36594368
298	88804	26463592	333	110889	36926037
299	89401	26730899	334	111556	37259704
300	90000	27000000	335	112225	37595375
301	90601	27270901	336	112896	37933056
302	91204	27543608	337	113569	38272753
303	91809	27818127	338	114244	38614472
304	92416	28094464	339	114921	38958219
305	93025	28372625	340	115600	39304000
306	93636	28652616	341	116281	39651821
307	94249	28934443	342	116964	40001688
308	94864	29218112	343	117649	40353607
309	95481	29503629	344	118336	40707584
310	96100	29791000	345	119025	41063625
311	96721	30080231	346	119716	41421736
312	97344	30371328	347	120409	41781923
313	97969	30664297	348	121104	42144192
314	98596	30959144	349	121801	42508549
315	99225	31255875	350	122500	42875000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
351	123201	43243551	386	148996	57512456
352	123904	43614208	387	149769	57960603
353	124609	43986977	388	150544	58411072
354	125316	44361864	389	151321	58863869
355	126025	44738875	390	152100	59319000
356	126736	45118016	391	152881	59776471
357	127449	45499293	392	153664	60236288
358	128164	45882712	393	154449	60698457
359	128881	46268279	394	155236	61162984
360	129600	46656000	395	156025	61629875
361	130321	47045881	396	156816	62099136
362	131044	47437928	397	157609	62570773
363	131769	47832147	398	158404	63044792
364	132496	48228544	399	159201	63521199
365	133225	48627125	400	160000	64000000
366	133956	49027896	401	160801	64481201
367	134689	49430863	402	161604	64964808
368	135424	49836032	403	162409	65450827
369	136161	50243409	404	163216	65939264
370	136900	50653000	405	164025	66430125
371	137641	51064811	406	164836	66923416
372	138384	51478848	407	165649	67419143
373	139129	51895117	408	166464	67917312
374	139876	52313624	409	167281	68417929
375	140625	52734375	410	168100	68921000
376	141376	53157376	411	168921	69426531
377	142129	53582633	412	169744	69934528
378	142884	54010152	413	170569	70444997
379	143641	54439939	414	171396	70957944
380	144400	54872000	415	172225	71473375
381	145161	55306341	416	173056	71991296
382	145924	55742968	417	173889	72511713
383	146689	56181887	418	174724	73034632
384	147456	56623104	419	175561	73560059
385	148225	57066625	420	176400	74088000

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421	177241	74618461	456	207936	94818816
422	178084	75151448	457	208849	95443993
423	178929	75686967	458	209764	96071912
424	179776	76225024	459	210681	96702579
425	180625	76765625	460	211600	97336000
426	181476	77308776	461	212521	97972181
427	182329	77854483	462	213444	98611128
428	183184	78402752	463	214369	99252847
429	184041	78953589	464	215296	99897344
430	184900	79507000	465	216225	100544625
431	185761	80062991	466	217156	101194696
432	186624	80621568	467	218089	101847563
433	187489	81182737	468	219024	102503232
434	188356	81746504	469	219961	103161709
435	189225	82312875	470	220900	103823000
436	190096	82881856	471	221841	104487111
437	190969	83453453	472	222784	105154048
438	191844	84027672	473	223729	105823817
439	192721	84604519	474	224676	106496424
440	193600	85184000	475	225625	107171875
441	194481	85766121	476	226576	107850176
442	195364	86350888	477	227529	108531333
443	196249	86938307	478	228484	109215352
444	197136	87528384	479	229441	109902239
445	198025	88121125	480	230400	110592000
446	198916	88716536	481	231361	111284641
447	199809	89314623	482	232324	111980168
448	200704	89915392	483	233289	112678587
449	201601	90518849	484	234256	113379904
450	202500	91125000	485	235225	114084125
451	203401	91733851	486	236196	114791256
452	204304	92345408	487	237169	115501303
453	205209	92959677	488	238144	116214272
454	206116	93576664	489	239121	116930169
455	207025	94196375	490	240100	117649000

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491	241081	118370771	526	276676	145531576
492	242064	119095488	527	277729	146363183
493	243049	119823157	528	278784	147197952
494	244036	120553784	529	279841	148035889
495	245025	121287375	530	280900	148877000
496	246016	122023936	531	281961	149721291
497	247009	122763473	532	283024	150568768
498	248004	123505992	533	284089	151419437
499	249001	124251499	534	285156	152273304
500	250000	125000000	535	286225	153130375
501	251001	125751501	536	287296	153990656
502	252004	126506008	537	288369	154854153
503	253009	127263527	538	289444	155720872
504	254016	128024064	539	290521	156590819
505	255025	128787625	540	291600	157464000
506	256036	129554216	541	292681	158340421
507	257049	130323843	542	293764	159220088
508	258064	131096512	543	294849	160103007
509	259081	131872229	544	295936	160989184
510	260100	132651000	545	297025	161878625
511	261121	133432831	546	298116	162771336
512	262144	134217728	547	299209	163667323
513	263169	135005697	548	300304	164566592
514	264196	135796744	549	301401	165469149
515	265225	136590875	550	302500	166375000
516	266256	137388096	551	303601	167284151
517	267289	138188413	552	304704	168196608
518	268324	138991832	553	305809	169112377
519	269361	139798359	554	306916	170031464
520	270400	140608000	555	308025	170953875
521	271441	141420761	556	309136	171879616
522	272484	142236648	557	310249	172808693
523	273529	143055667	558	311364	173741112
524	274576	143877824	559	312481	174676879
525	275625	144703125	560	313600	175616000

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561	314721	176558481	596	355216	211708736
562	315844	177504328	597	356409	212776173
563	316969	178453547	598	357604	213847192
564	318096	179406144	599	358801	214921799
565	319225	180362125	600	360000	216000000
566	320356	181321496	601	361201	217081801
567	321489	182284263	602	362404	218167208
568	322624	183250432	603	363609	219256227
569	323761	184220009	604	364816	220348864
570	324900	185193000	605	366025	221445125
571	326041	186169411	606	367236	222545016
572	327184	187149248	607	368449	223648543
573	328329	188132517	608	369664	224755712
574	329476	189119224	609	370881	225866529
575	330625	190109375	610	372100	226981000
576	331776	191102976	611	373321	228099131
577	332929	192100033	612	374544	229220928
578	334084	193100552	613	375769	230346397
579	335241	194104539	614	376996	231475544
580	336400	195112000	615	378225	232608375
581	337561	196122941	616	379456	233744896
582	338724	197137368	617	380689	234885113
583	339889	198155287	618	381924	236029032
584	341056	199176704	619	383161	237176659
585	342225	200201625	620	384400	238328000
586	343396	201230056	621	385641	239483061
587	344569	202262003	622	386884	240641848
588	345744	203297472	623	388129	241804367
589	346921	204336469	624	389376	242970624
590	348100	205379000	625	390625	244140625
591	349281	206425071	626	391876	245314376
592	350464	207474688	627	393129	246491883
593	351649	208527857	628	394384	247673152
594	352836	209584584	629	395641	248858189
595	354025	210644875	630	396900	250047000

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631	398161	251239591	666	443556	295408296
632	399424	252435968	667	444889	296740963
633	400689	253636137	668	446224	298077632
634	401956	254840104	669	447561	299418309
635	403225	256047875	670	448900	300763000
636	404496	257259456	671	450241	302111711
637	405769	258474853	672	451584	303464448
638	407044	259694072	673	452929	304821217
639	408321	260917119	674	454276	306182024
640	409600	262144000	675	455625	307546875
641	410881	263374721	676	456976	308915776
642	412164	264609288	677	458329	310288733
643	413449	265847707	678	459684	311665752
644	414736	267089984	679	461041	313046839
645	416025	268336125	680	462400	314432000
646	417316	269586136	681	463761	315821241
647	418609	270840023	682	465124	317214568
648	419904	272097792	683	466489	318611987
649	421201	273359449	684	467856	320013504
650	422500	274625000	685	469225	321419125
651	423801	275894451	686	470596	322828856
652	425104	277167808	687	471969	324242703
653	426409	278445077	688	473344	325660672
654	427716	279726264	689	474721	327082769
655	429025	281011375	690	476100	328509000
656	430336	282300416	691	477481	329939371
657	431649	283593393	692	478864	331373888
658	432964	284890312	693	480249	332812557
659	434281	286191179	694	481636	334255384
660	435600	287496000	695	483025	335702375
661	436921	288804781	696	484416	337173536
662	438244	290117528	697	485806	338608873
663	439569	291434247	698	487204	340008392
664	440896	292754944	699	488601	341532099
665	442225	294079625	700	490000	343000000

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701	491401	344472101	736	541696	398688256
702	492804	345948408	737	543169	400315553
703	494209	347428927	738	544644	401947272
704	495616	348913664	739	546121	403583419
705	497025	350402625	740	547600	405224000
706	498436	351895816	741	549081	406869021
707	499849	353393243	742	550564	408518488
708	501264	354894912	743	552049	410172407
709	502681	356400829	744	553536	411830784
710	504100	357911000	745	555025	413493625
711	505521	359425431	746	556516	415160936
712	506944	360944128	747	558009	416832723
713	508369	362467097	748	559504	418508992
714	509796	363994344	749	561001	420189749
715	511225	365525875	750	562500	421875000
716	512656	367061696	751	564001	423564751
717	514089	368601813	752	565504	425259008
718	515524	370146232	753	567009	426957777
719	516961	371694959	754	568516	428661064
720	518400	373248000	755	570025	430368875
721	519841	374805361	756	571536	432081216
722	521284	376367048	757	573049	433798093
723	522729	377933067	758	574564	435519512
724	524176	379503424	759	576081	437245479
725	525625	381078125	760	577600	438976000
726	527076	382657176	761	579121	440711081
727	528529	384240583	762	580644	442450728
728	529984	385828352	763	582169	444194947
729	531441	387420489	764	583696	445943744
730	532900	389017000	765	585225	447697125
731	534361	390617891	766	586756	449455096
732	535824	392223168	767	588289	451217663
733	537289	393832837	768	589824	452984832
734	538756	395446904	769	591361	454756609
735	540225	397065375	770	592900	456533000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
771	594441	458314011	806	649636	523606616
772	595984	460099648	807	651249	525557943
773	597529	461889917	808	652864	527514112
774	599076	463684824	809	654481	529475129
775	600625	465484375	810	656100	531441000
776	602176	467288576	811	657721	533411731
777	603729	469097433	812	659344	535387328
778	605284	470910952	813	660969	537367797
779	606841	472729139	814	662596	539353144
780	608400	474552000	815	664225	541343375
781	609961	476379541	816	665856	543338496
782	611524	478211768	817	667489	545338513
783	613089	480048687	818	669124	547343432
784	614656	481890304	819	670761	549353259
785	616225	483736625	820	672400	551368000
786	617796	485587656	821	674041	553387661
787	619369	487443403	822	675684	555412248
788	620944	489303872	823	677329	557441767
789	622521	491169069	824	678976	559476224
790	624100	493039000	825	680625	561515625
791	625681	494913671	826	682276	563559976
792	627264	496793088	827	683929	565609283
793	628849	498677257	828	685584	567663552
794	630436	500566184	829	687241	569722789
795	632025	502459875	830	688900	571787000
796	633616	504358336	831	690561	573856191
797	635209	506261573	832	692224	575930368
798	636804	508169592	833	693889	578009537
799	638401	510082399	834	695556	580093704
800	640000	512000000	835	697225	582182875
801	641601	513922401	836	698896	584277056
802	643204	515849608	837	700569	586376253
803	644809	517781627	838	702244	588480472
804	646416	519718464	839	703921	590589719
805	648025	521660125	840	705600	592704000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
841	707281	594823321	876	767376	672221376
842	708964	596947688	877	769129	674526133
843	710649	599077107	878	770884	676836152
844	712336	601211584	879	772641	679151439
845	714025	603351125	880	774400	681472000
846	715716	605495736	881	776161	683797841
847	717409	607645423	882	777924	686128968
848	719104	609800192	883	779689	688465387
849	720801	611960049	884	781456	690807104
850	722500	614125000	885	783225	693154125
851	724201	616295051	886	784996	695506456
852	725904	618470208	887	786769	697864103
853	727609	620650477	888	788544	700227072
854	729316	622835864	889	790321	702595369
855	731025	625026375	890	792100	704969000
856	732736	627222016	891	793881	707347971
857	734449	629422793	892	795664	709732288
858	736164	631628712	893	797449	712121957
859	737881	633839779	894	799236	714516984
860	739600	636056000	895	801025	716917375
861	741321	638277381	896	802816	719323136
862	743044	640503928	897	804609	721734273
863	744769	642735647	898	806404	724150792
864	746496	644972544	899	808201	726572699
865	748225	647214625	900	810000	729000000
866	749956	649461896	901	811801	731432701
867	751689	651714363	902	813604	733870808
868	753424	653972032	903	815409	736314327
869	755161	656234909	904	817216	738763264
870	756900	658503000	905	819025	741217625
871	758641	660776311	906	820836	743677416
872	760384	663054848	907	822649	746142643
873	762129	665338617	908	824464	748613312
874	763876	667627624	909	826281	751089429
875	765625	669921875	910	828100	753571000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
911	829921	756058031	946	894916	846590536
912	831744	758550528	947	896809	849278123
913	833569	761048497	948	898704	851971392
914	835396	763551944	949	900601	854670349
915	837225	766060875	950	902500	857375000
916	839056	768575296	951	904401	860085351
917	840889	771095213	952	906304	862801408
918	842724	773620632	953	908209	865523177
919	844561	776151559	954	910116	868250664
920	846400	778688000	955	912025	870983875
921	848241	781229961	956	913936	873722816
922	850084	783777448	957	915849	876467493
923	851929	786330467	958	917764	879217912
924	853776	788889024	959	919681	881974079
925	855625	791453125	960	921600	884736000
926	857476	794022776	961	923521	887503681
927	859329	796597983	962	925444	890277128
928	861184	799178752	963	927369	893056347
929	863041	801765089	964	929296	895841344
930	864900	804357000	965	931225	898632125
931	866761	806954491	966	933156	901428696
932	868624	809557568	967	935089	904231063
933	870489	812166237	968	937024	907039232
934	872356	814780504	969	938961	909853209
935	874225	817400375	970	940900	912673000
936	876096	820025856	971	942841	915498611
937	877969	822656953	972	944784	918330048
938	879844	825293672	973	946729	921167317
939	881721	827936019	974	948676	924010424
940	883600	830584000	975	950625	926859375
941	885481	833237621	976	952576	929714176
942	887364	835896888	977	954529	932574833
943	889249	838561807	978	956484	935441352
944	891136	841232384	979	958441	938313739
945	893025	843908625	980	960400	941192000

N.	Quadr.	Cub.	N.	Quadr.	Cub.
981	962361	944076141	991	982081	973242271
982	964324	946966168	992	984064	976191488
983	966289	949862087	993	986049	979146657
984	968256	952763904	994	988036	982107784
985	970225	955671625	995	990025	985074875
986	972196	958585256	996	992016	988047936
987	974169	961504803	997	994009	991026973
988	976144	964430272	998	996004	994011992
989	978121	967361669	999	998001	997002999
990	980100	970299000	1000	10000000	1000000000



TABVLA

T A B V L A
R A D I C V M Q V A D R A T A R V M

E T

C V B I C A R V M

P R O

N V M E R I S N A T V R A L I S E R I E

C R E S C E N T I B V S

A B 1 V S Q V E A D 1 0 0 0 .

N.	Rad. Quad.	Rad. Cub.	N.	Rad. Quad.	Rad. Cub.
1	1.0000000	1.0000000	36	6.0000000	3.3019272
2	1.4142136	1.2599205	37	6.0827625	3.3322218
3	1.7320508	1.4422496	38	6.1644140	3.3619754
4	2.0000000	1.5874011	39	6.2449980	3.3912114
5	2.2360680	1.7099759	40	6.3245553	3.4199519
6	2.4494897	1.8171206	41	6.4031242	3.4482172
7	2.6457513	1.9129312	42	6.4807407	3.4760266
8	2.8284271	2.0000000	43	6.5574385	3.5033981
9	3.0000000	2.0800837	44	6.6332496	3.5303483
10	3.1622777	2.1544347	45	6.7082039	3.5568933
11	3.3166248	2.2239801	46	6.7823300	3.5830479
12	3.4641016	2.2894286	47	6.8556547	3.6088261
13	3.6055513	2.3513347	48	6.9282032	3.6342411
14	3.7416574	2.4101422	49	7.0000000	3.6593057
15	3.8729833	2.4662121	50	7.0710678	3.6840314
16	4.0000000	2.5198421	51	7.1414284	3.7084298
17	4.1231056	2.5712816	52	7.2111026	3.7325111
18	4.2426407	2.6207414	53	7.2801099	3.7562858
19	4.3588989	2.6684016	54	7.3484692	3.7797631
20	4.4721359	2.7144177	55	7.4161985	3.8029525
21	4.5825757	2.7589243	56	7.4833148	3.8258624
22	4.6904158	2.8020393	57	7.5498344	3.8485011
23	4.7958315	2.8438670	58	7.6157731	3.8708766
24	4.8989795	2.8844991	59	7.6811458	3.8929965
25	5.0000000	2.9240177	60	7.7459667	3.9148676
26	5.0990195	2.9624960	61	7.8102497	3.9364972
27	5.1961524	3.0000000	62	7.8740078	3.9578915
28	5.2915026	3.0365889	63	7.9372539	3.9790571
29	5.3851648	3.0723168	64	8.0000000	4.0000000
30	5.4772256	3.1072325	65	8.0620577	4.0207256
31	5.5677644	3.1413806	66	8.1240384	4.0412401
32	5.6568543	3.1748021	67	8.1853527	4.0615480
33	5.7445626	3.2075343	68	8.2462112	4.0816551
34	5.8309519	3.2396118	69	8.3066239	4.1015661
35	5.9160798	3.2710663	70	8.3666003	4.1212853

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
71	8.4261497	4.1408178	106	10.2956301	4.7326234
72	8.4852814	4.1601676	107	10.3440804	4.7474594
73	8.5440037	4.1793390	108	10.3923048	4.7622032
74	8.6023253	4.1983364	109	10.4403065	4.7768562
75	8.6602540	4.2171633	110	10.4880885	4.7914199
76	8.7177978	4.2358236	111	10.5356537	4.8058956
77	8.7749644	4.2543210	112	10.5830052	4.8202845
78	8.8317609	4.2726586	113	10.6301458	4.8345881
79	8.8881944	4.2908404	114	10.6770782	4.8488075
80	8.9442719	4.3088695	115	10.7238053	4.8629441
81	9.0000000	4.3267487	116	10.7703296	4.8769989
82	9.0553851	4.3444815	117	10.8166538	4.8909730
83	9.1104336	4.3620707	118	10.8627805	4.9048681
84	9.1651514	4.3795191	119	10.9087121	4.9186847
85	9.2195445	4.3968296	120	10.9544511	4.9324242
86	9.2736185	4.4140049	121	11.0000000	4.9460874
87	9.3273791	4.4310476	122	11.0453610	4.9596756
88	9.3808315	4.4479602	123	11.0905365	4.9731898
89	9.4339811	4.4647451	124	11.1355287	4.9866309
90	9.4868330	4.4814047	125	11.1803399	5.0000000
91	9.5393919	4.4979114	126	11.2249722	5.0132980
92	9.5916630	4.5143574	127	11.2694276	5.0265257
93	9.6436507	4.5306549	128	11.3137085	5.0396842
94	9.6953597	4.5468359	129	11.3578167	5.0527744
95	9.7467943	4.5629026	130	11.4017542	5.0657970
96	9.7979589	4.5788570	131	11.4455231	5.0787531
97	9.8488577	4.5947009	132	11.4891253	5.0916434
98	9.8994949	4.6104363	133	11.5325626	5.1044687
99	9.9498744	4.6260650	134	11.5758369	5.1172299
100	10.0000000	4.6415888	135	11.6189500	5.1299275
101	10.0498756	4.6570095	136	11.6619038	5.1425632
102	10.0995049	4.6723288	137	11.7046999	5.1551368
103	10.1488915	4.6875481	138	11.7473401	5.1676492
104	10.1980390	4.7026694	139	11.7898261	5.1801013
105	10.2469507	4.7176940	140	11.8321596	5.1924941

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
141	11.8743421	5.2048279	176	13.2664992	5.6040787
142	11.9163753	5.2171034	177	13.3041347	5.6146724
143	11.9582607	5.2293215	178	13.3416641	5.6252263
144	12.0000000	5.2414828	179	13.3790882	5.6357408
145	12.0415945	5.2535878	180	13.4164078	5.6462162
146	12.0830460	5.2656374	181	13.4536240	5.6566528
147	12.1243556	5.2776321	182	13.4907376	5.6670511
148	12.1655251	5.2895725	183	13.5277492	5.6774114
149	12.2065556	5.3014592	184	13.5646599	5.6877340
150	12.2474487	5.3132928	185	13.6014705	5.6980192
151	12.2882057	5.3250740	186	13.6381817	5.7082670
152	12.3288280	5.3368033	187	13.6747943	5.7184790
153	12.3693169	5.3484812	188	13.7113092	5.7286544
154	12.4096737	5.3601085	189	13.7477271	5.7387936
155	12.4498996	5.3716853	190	13.7840487	5.7488970
156	12.4899960	5.3832126	191	13.8202749	5.7589652
157	12.5299641	5.3946907	192	13.8564064	5.7689986
158	12.5698051	5.4061202	193	13.8924440	5.7789965
159	12.6095202	5.4175016	194	13.9283883	5.7889603
160	12.6491106	5.4288352	195	13.9642400	5.7988907
161	12.6885775	5.4401218	196	14.0000000	5.8087857
162	12.7279220	5.4513618	197	14.0356688	5.8186478
163	12.7671453	5.4625556	198	14.0712473	5.8284766
164	12.8062485	5.4737036	199	14.1067356	5.8382724
165	12.8452326	5.4848065	200	14.1421356	5.8480354
166	12.8840987	5.4958647	201	14.1774468	5.8577661
167	12.9228480	5.5068784	202	14.2126704	5.8674643
168	12.9614814	5.5178484	203	14.2478069	5.8771306
169	13.0000000	5.5287748	204	14.2828569	5.8867653
170	13.0384048	5.5396583	205	14.3178210	5.8963688
171	13.0766968	5.5504993	206	14.3527000	5.9059405
172	13.1148770	5.5612979	207	14.3874946	5.9154817
173	13.1529464	5.5720547	208	14.4222051	5.9249921
174	13.1909059	5.5827701	209	14.4568323	5.9344721
175	13.2287565	5.5934447	210	14.4913767	5.9439218

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
211	14.5258390	5.9533418	246	15.6843871	6.2658265
212	14.5602197	5.9627320	247	15.7162337	6.2743053
213	14.5945195	5.9720926	248	15.7480157	6.2827613
214	14.6287387	5.9814240	249	15.7797339	6.2911946
215	14.6628783	5.9907264	250	15.8113883	6.2996052
216	14.6969385	6.0000000	251	15.8429795	6.3079935
217	14.7309199	6.0092449	252	15.8745079	6.3163596
218	14.7648231	6.0184616	253	15.9059737	6.3247035
219	14.7986485	6.0276501	254	15.9373775	6.3330255
220	14.8323969	6.0368106	255	15.9687194	6.3413257
221	14.8660687	6.0459436	256	16.0000000	6.3496042
222	14.8996644	6.0550489	257	16.0312195	6.3578612
223	14.9331845	6.0641270	258	16.0623784	6.3660968
224	14.9666295	6.0731780	259	16.0934769	6.3743111
225	15.0000000	6.0822019	260	16.1245155	6.3825043
226	15.0332964	6.0911994	261	16.1554944	6.3906765
227	15.0665192	6.1001704	262	16.1864140	6.3988279
228	15.0996689	6.1091148	263	16.2172747	6.4069586
229	15.1327459	6.1180332	264	16.2480768	6.4150686
230	15.1657509	6.1269256	265	16.2788206	6.4231583
231	15.1986841	6.1357924	266	16.3095064	6.4312275
232	15.2315462	6.1446336	267	16.3401346	6.4392767
233	15.2643375	6.1534494	268	16.3707055	6.4473057
234	15.2970585	6.1622401	269	16.4012195	6.4553148
235	15.3297097	6.1710058	270	16.4316767	6.4633041
236	15.3622915	6.1797466	271	16.4620776	6.4712736
237	15.3948043	6.1884628	272	16.4924225	6.4792236
238	15.4272486	6.1971543	273	16.5227116	6.4871547
239	15.4596248	6.2058218	274	16.5529453	6.4950653
240	15.4919333	6.2144650	275	16.5831239	6.5029571
241	15.5241747	6.2230843	276	16.6132477	6.5108301
242	15.5563492	6.2316796	277	16.6433170	6.5186840
243	15.5884573	6.2402515	278	16.6733320	6.5265188
244	15.6204993	6.2487999	279	16.7032931	6.5343349
245	15.6524759	6.2573247	280	16.7332005	6.5421326

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
281	16.7630546	6.5499116	316	17.7763888	6.8112846
282	16.7928553	6.5576722	317	17.8044938	6.8184620
283	16.8226039	6.5654144	318	17.8325545	6.8256242
284	16.8522995	6.5731392	319	17.8605711	6.8327714
285	16.8819430	6.5808444	320	17.8885438	6.8399037
286	16.9115345	6.5885323	321	17.9164729	6.8470212
287	16.9410743	6.5962023	322	17.9443584	6.8541240
288	16.9705628	6.6038545	323	17.9722008	6.8612120
289	17.0000000	6.6114890	324	18.0000000	6.8682855
290	17.0293864	6.6191059	325	18.0277564	6.8753444
291	17.0587221	6.6267054	326	18.0554701	6.8823887
292	17.0880075	6.6342874	327	18.0831413	6.8894186
293	17.1172427	6.6418523	328	18.1107703	6.8964344
294	17.1464283	6.6493997	329	18.1383571	6.9034360
295	17.1755640	6.6569301	330	18.1659021	6.9104232
296	17.2046505	6.6644437	331	18.1934054	6.9173964
297	17.2336879	6.6719403	332	18.2208671	6.9243555
298	17.2626765	6.6794200	333	18.2482876	6.9313007
299	17.2916164	6.6868831	334	18.2756669	6.9382321
300	17.3205081	6.6943296	335	18.3030055	6.9451495
301	17.3493516	6.7017594	336	18.3303029	6.9520533
302	17.3781472	6.7091728	337	18.3575598	6.9589434
303	17.4068952	6.7165699	338	18.3847763	6.9658198
304	17.4355958	6.7239508	339	18.4119526	6.9726827
305	17.4642492	6.7313155	340	18.4390889	6.9795321
306	17.4928557	6.7386641	341	18.4661853	6.9863680
307	17.5214155	6.7459972	342	18.4932420	6.9931906
308	17.5499288	6.7533128	343	18.5202592	7.0000000
309	17.5783958	6.7606143	344	18.5472370	7.0067961
310	17.6068168	6.7678994	345	18.5741756	7.0135791
311	17.6351921	6.7751689	346	18.6010752	7.0203489
312	17.6635217	6.7824228	347	18.6279360	7.0271058
313	17.6918060	6.7896613	348	18.6547584	7.0338496
314	17.7200452	6.7968843	349	18.6815416	7.0405800
315	17.7482393	6.8040921	350	18.7082869	7.0472980

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
351	18.7349939	7.0540040	386	19.6468827	7.2810794
352	18.7616630	7.0606966	387	19.6723156	7.2873616
353	18.7882942	7.0673766	388	19.6977156	7.2936330
354	18.8148876	7.0740439	389	19.7230820	7.2998936
355	18.8414436	7.0806987	390	19.7484176	7.3061436
356	18.8679622	7.0873411	391	19.7737199	7.3123828
357	18.8944436	7.0939709	392	19.7989899	7.3186114
358	18.9208879	7.1005883	393	19.8242276	7.3248294
359	18.9472953	7.1071936	394	19.8494332	7.3310369
360	18.9736650	7.1137866	395	19.8746069	7.3372339
361	19.0000000	7.1203673	396	19.8997487	7.3434204
362	19.0262976	7.1269359	397	19.9248588	7.3495966
363	19.0525589	7.1334923	398	19.9499373	7.3557622
364	19.0787840	7.1400369	399	19.9749844	7.3619177
365	19.1049734	7.1465694	400	20.0000000	7.3680630
366	19.1311265	7.1530901	401	20.0249844	7.3741979
367	19.1572441	7.1595988	402	20.0499376	7.3803227
368	19.1833261	7.1660958	403	20.0748599	7.3864373
369	19.2093727	7.1725808	404	20.0997512	7.3925416
370	19.2353841	7.1790543	405	20.1246118	7.3986362
371	19.2613603	7.1855162	406	20.1494417	7.4047206
372	19.2873015	7.1919663	407	20.1742410	7.4107950
373	19.3132079	7.1984050	408	20.1990099	7.4168595
374	19.3390796	7.2048321	409	20.2237484	7.4229141
375	19.3649167	7.2112478	410	20.2484567	7.4289588
376	19.3907194	7.2176522	411	20.2731349	7.4349937
377	19.4164878	7.2240451	412	20.2977831	7.4410189
378	19.4422221	7.2304267	413	20.3224014	7.4470342
379	19.4679224	7.2367972	414	20.3469899	7.4530399
380	19.4935887	7.2431564	415	20.3715488	7.4590359
381	19.5192213	7.2495045	416	20.3960780	7.4650223
382	19.5448203	7.2558415	417	20.4205779	7.4709992
383	19.5703858	7.2621674	418	20.4450483	7.4769662
384	19.5959180	7.2684823	419	20.4694895	7.4829241
385	19.6214169	7.2747863	420	20.4939015	7.4888723

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
421	20.5182845	7.4948112	456	21.3541565	7.6970022
422	20.5426386	7.5007406	457	21.3775581	7.7026242
423	20.5669638	7.5066607	458	21.4009345	7.7082391
424	20.5912603	7.5125715	459	21.4242853	7.7138448
425	20.6155281	7.5184729	460	21.4476106	7.7194426
426	20.6397677	7.5243652	461	21.4709105	7.7250324
427	20.6639784	7.5302482	462	21.4941852	7.7306140
428	20.6881609	7.5361220	463	21.5174348	7.7361877
429	20.7123152	7.5419867	464	21.5406592	7.7417533
430	20.7364413	7.5478423	465	21.5638587	7.7473107
431	20.7605395	7.5536889	466	21.5870331	7.7528605
432	20.7846097	7.5595260	467	21.6101828	7.7584022
433	20.8086520	7.5653548	468	21.6333076	7.7639360
434	20.8326667	7.5711742	469	21.6564078	7.7694620
435	20.8566539	7.5769848	470	21.6794834	7.7749806
436	20.8806130	7.5827865	471	21.7025344	7.7804903
437	20.9045450	7.5885793	472	21.7255609	7.7859931
438	20.9284495	7.5943633	473	21.7485631	7.7914875
439	20.9523269	7.6001385	474	21.7715410	7.7969745
440	20.9761770	7.6059050	475	21.7944947	7.8024537
441	21.0000000	7.6116626	476	21.8174242	7.8079253
442	21.0237960	7.6174116	477	21.8403297	7.8133892
443	21.0475652	7.6231519	478	21.8632111	7.8188450
444	21.0713075	7.6288836	479	21.8860686	7.8242942
445	21.0950231	7.6346067	480	21.9089022	7.8297353
446	21.1187121	7.6403212	481	21.9317122	7.8351687
447	21.1423745	7.6460272	482	21.9544984	7.8405949
448	21.1660105	7.6517247	483	21.9772609	7.8460133
449	21.1896201	7.6574137	484	22.0000000	7.8514240
450	21.2132034	7.6630940	485	22.0227155	7.8568280
451	21.2367606	7.6687764	486	22.0454077	7.8622241
452	21.2602916	7.6744304	487	22.0680765	7.8676130
453	21.2837966	7.6800862	488	22.0907220	7.8729944
454	21.3072757	7.6857333	489	22.1133444	7.8783684
455	21.3307290	7.6913716	490	22.1359436	7.8837352

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
491	22.1585198	7.8890946	526	22.9346898	8.0722625
492	22.1810730	7.8944468	527	22.9564805	8.0773743
493	22.2036033	7.8997917	528	22.9782505	8.0824800
494	22.2261107	7.9051294	529	23.0000000	8.0875794
495	22.2485955	7.9104599	530	23.0217288	8.0926723
496	22.2710575	7.9157832	531	23.0434372	8.0977588
497	22.2934968	7.9210994	532	23.0651252	8.1028385
498	22.3159136	7.9264085	533	23.0867928	8.1079128
499	22.3383079	7.9317104	534	23.1084400	8.1129830
500	22.3606798	7.9370058	535	23.1300670	8.1180413
501	22.3830292	7.9422931	536	23.1516738	8.1230962
502	22.4053565	7.9475737	537	23.1732604	8.1281448
503	22.4276615	7.9528470	538	23.1948270	8.1331870
504	22.4499443	7.9581144	539	23.2163735	8.1382230
505	22.4722051	7.9633742	540	23.2379000	8.1432528
506	22.4944437	7.9686271	541	23.2594067	8.1482764
507	22.5166605	7.9738731	542	23.2808935	8.1532939
508	22.5388553	7.9791122	543	23.3023604	8.1583056
509	22.5610283	7.9843583	544	23.3238076	8.1633102
510	22.5831795	7.9895697	545	23.3452350	8.1683091
511	22.6053091	7.9947883	546	23.3666429	8.1733020
512	22.6274170	8.0000000	547	23.3880311	8.1782887
513	22.6495033	8.0052049	548	23.4093998	8.1832694
514	22.6715681	8.0104031	549	23.4307490	8.1882441
515	22.6936114	8.0155945	550	23.4520788	8.1932127
516	22.7156334	8.0207793	551	23.4733892	8.1981752
517	22.7376340	8.0259574	552	23.4946802	8.2031318
518	22.7596136	8.0311282	553	23.5159520	8.2080824
519	22.7815715	8.0362934	554	23.5372046	8.2130271
520	22.8035085	8.0414515	555	23.5584379	8.2179657
521	22.8254244	8.0466030	556	23.5796522	8.2228985
522	22.8473193	8.0517479	557	23.6008474	8.2278253
523	22.8691932	8.0568862	558	23.6220236	8.2327463
524	22.8910463	8.0620180	559	23.6431803	8.2376614
525	22.9128785	8.0671432	560	23.6643191	8.2425706

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
561	23.6854385	8.2474739	596	24.4131112	8.4155423
562	23.7065392	8.2523715	597	24.4335834	8.4202460
563	23.7276210	8.2572632	598	24.4540385	8.4249447
564	23.7486841	8.2621492	599	24.4744765	8.4296383
565	23.7697286	8.2670294	600	24.4948974	8.4343266
566	23.7907545	8.2719038	601	24.5153013	8.4390098
567	23.8117618	8.2767725	602	24.5356883	8.4436877
568	23.8327506	8.2816355	603	24.5560583	8.4483605
569	23.8537209	8.2864927	604	24.5764114	8.4530281
570	23.8746727	8.2913443	605	24.5967477	8.4576905
571	23.8956063	8.2961902	606	24.6170672	8.4623478
572	23.9165215	8.3010305	607	24.6373699	8.4670001
573	23.9374184	8.3058651	608	24.6576560	8.4716472
574	23.9582971	8.3106941	609	24.6779253	8.4762891
575	23.9791576	8.3155175	610	24.6981781	8.4809261
576	24.0000000	8.3203352	611	24.7184140	8.4855580
577	24.0208241	8.3251475	612	24.7386337	8.4901847
578	24.0416305	8.3299542	613	24.7588368	8.4948055
579	24.0624188	8.3347553	614	24.7790234	8.4994232
580	24.0831891	8.3395508	615	24.7991935	8.5040349
581	24.1039416	8.3443410	616	24.8193473	8.5086417
582	24.1246761	8.3491256	617	24.8394847	8.5132434
583	24.1453929	8.3539047	618	24.8596058	8.5178402
584	24.1660919	8.3586783	619	24.8797106	8.5224321
585	24.1867732	8.3634465	620	24.8997992	8.5270189
586	24.2074308	8.3682094	621	24.9198716	8.5316009
587	24.2280829	8.3729667	622	24.9399278	8.5361779
588	24.2487113	8.3777187	623	24.9599679	8.5407501
589	24.2693222	8.3824652	624	24.9799919	8.5453173
590	24.2899156	8.3872065	625	25.0000000	8.5498797
591	24.3104916	8.3919424	626	25.0199920	8.5544372
592	24.3310500	8.3966729	627	25.0399680	8.5589899
593	24.3515913	8.4013981	628	25.0599281	8.5635377
594	24.3721152	8.4061180	629	25.0798724	8.5680807
595	24.3926218	8.4108326	630	25.0998007	8.5726188

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
631	25.1197133	8.5771522	666	25.8069756	8.7328917
632	25.1396102	8.5816808	667	25.8263431	8.7372604
633	25.1594912	8.5862048	668	25.8456959	8.7416247
634	25.1793566	8.5907238	669	25.8650343	8.7459846
635	25.1992063	8.5952380	670	25.8843582	8.7503401
636	25.2190404	8.5997476	671	25.9036677	8.7546915
637	25.2388587	8.6042524	672	25.9229628	8.7590383
638	25.2586619	8.6087526	673	25.9422435	8.7633809
639	25.2784493	8.6132480	674	25.9615099	8.7677192
640	25.2982213	8.6177388	675	25.9807621	8.7720532
641	25.3179778	8.6222248	676	26.0000000	8.7763829
642	25.3377189	8.6267062	677	26.0192236	8.7807084
643	25.3574446	8.6311829	678	26.0384331	8.7850296
644	25.3771551	8.6356551	679	26.0576284	8.7893466
645	25.3968502	8.6401226	680	26.0768096	8.7936593
646	25.4165300	8.6445855	681	26.0959767	8.7979679
647	25.4361946	8.6490437	682	26.1151297	8.8022721
648	25.4558441	8.6534974	683	26.1342687	8.8065722
649	25.4754784	8.6579465	684	26.1533936	8.8108681
650	25.4950975	8.6623901	685	26.1725047	8.8151598
651	25.5147014	8.6668310	686	26.1916017	8.8194473
652	25.5342906	8.6712665	687	26.2106848	8.8237307
653	25.5538646	8.6756974	688	26.2297541	8.8280099
654	25.5734237	8.6801238	689	26.2488095	8.8322850
655	25.5929678	8.6845456	690	26.2678511	8.8365559
656	25.6124969	8.6889630	691	26.2868789	8.8408227
657	25.6320112	8.6933758	692	26.3058929	8.8450853
658	25.6515107	8.6977842	693	26.3248931	8.8493446
659	25.6709953	8.7021882	694	26.3438797	8.8535985
660	25.6904651	8.7065876	695	26.3628526	8.8578489
661	25.7099203	8.7109827	696	26.3818119	8.8620951
662	25.7293606	8.7153733	697	26.4007575	8.8663373
663	25.7487864	8.7197595	698	26.4196896	8.8705757
664	25.7681974	8.7241414	699	26.4386081	8.8748099
665	25.7875939	8.7285184	700	26.4575131	8.8790400

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
701	26.4764046	8.8832616	736	27.1293199	9.0287148
702	26.4952825	8.8874882	737	27.1477439	9.0328021
703	26.5141471	8.8917062	738	27.1661554	9.0368856
704	26.5329983	8.8969204	739	27.1845544	9.0409655
705	26.5518361	8.9001304	740	27.2029410	9.0450418
706	26.5706605	8.9043365	741	27.2213151	9.0491142
707	26.5894716	8.9085387	742	27.2396760	9.0531831
708	26.6082604	8.9127368	743	27.2580263	9.0572482
709	26.6270539	8.9169311	744	27.2763634	9.0613098
710	26.6458252	8.9211214	745	27.2946883	9.0653677
711	26.6645832	8.9253077	746	27.3130006	9.0694219
712	26.6833281	8.9294902	747	27.3313007	9.0734720
713	26.7020598	8.9336686	748	27.3495887	9.0775197
714	26.7207784	8.9378433	749	27.3678645	9.0815631
715	26.7394839	8.9420140	750	27.3861277	9.0856030
716	26.7581763	8.9461808	751	27.4043792	9.0896392
717	26.7768556	8.9503438	752	27.4226184	9.0936718
718	26.7955220	8.9545033	753	27.4408455	9.0977009
719	26.8141753	8.9586581	754	27.4590604	9.1017265
720	26.8328157	8.9628095	755	27.4772633	9.1057485
721	26.8514431	8.9669570	756	27.4954541	9.1097668
722	26.8700577	8.9711007	757	27.5136330	9.1137818
723	26.8886593	8.9752406	758	27.5317998	9.1177931
724	26.9072481	8.9793766	759	27.5499546	9.1218009
725	26.9258240	8.9835088	760	27.5680975	9.1258053
726	26.9443871	8.9876373	761	27.5862284	9.1298060
727	26.9629375	8.9917620	762	27.6043475	9.1338033
728	26.9814751	8.9958829	763	27.6224547	9.1377971
729	27.0000000	9.0000000	764	27.6405499	9.1417874
730	27.0185121	9.0041133	765	27.6586334	9.1457742
731	27.0370117	9.0082229	766	27.6767050	9.1497576
732	27.0554985	9.0123287	767	27.6947648	9.1537375
733	27.0739727	9.0164309	768	27.7128129	9.1577139
734	27.0924344	9.0205292	769	27.7308492	9.1616869
735	27.1108832	9.0246239	770	27.7488739	9.1656564

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
771	27.7668867	9.1696225	806	28.3901391	9.3063277
772	27.7848879	9.1735852	807	28.4077454	9.3101750
773	27.8028775	9.1775444	808	28.4253408	9.3140190
774	27.8208555	9.1815003	809	28.4429253	9.3178599
775	27.8388218	9.1854527	810	28.4604989	9.3216975
776	27.8567765	9.1894018	811	28.4780617	9.3255320
777	27.8747199	9.1933447	812	28.4956137	9.3293634
778	27.8926514	9.1972896	813	28.5131548	9.3331916
779	27.9105714	9.2012289	814	28.5306850	9.3370163
780	27.9284801	9.2051641	815	28.5482048	9.3408386
781	27.9463770	9.2090962	816	28.5657137	9.3446574
782	27.9642629	9.2130251	817	28.5832118	9.3484731
783	27.9821371	9.2169505	818	28.6006993	9.3522857
784	28.0000000	9.2208726	819	28.6181760	9.3560952
785	28.0178514	9.2247914	820	28.6356421	9.3599022
786	28.0356915	9.2287068	821	28.6530977	9.3637049
787	28.0535203	9.2326189	822	28.6705423	9.3675051
788	28.0713377	9.2365278	823	28.6879766	9.3713022
789	28.0891438	9.2404333	824	28.7054002	9.3750963
790	28.1069386	9.2443355	825	28.7228131	9.3788873
791	28.1247222	9.2482344	826	28.7402157	9.3826752
792	28.1424945	9.2521300	827	28.7576077	9.3864600
793	28.1602556	9.2560224	828	28.7749891	9.3902418
794	28.1780056	9.2599111	829	28.7923601	9.3940207
795	28.1957443	9.2637972	830	28.8097206	9.3977964
796	28.2134719	9.2676798	831	28.8270706	9.4015691
797	28.2311884	9.2715792	832	28.8444102	9.4053387
798	28.2488938	9.2754352	833	28.8617393	9.4091054
799	28.2665880	9.2793081	834	28.8790581	9.4128691
800	28.2842712	9.2831776	835	28.8963666	9.4166296
801	28.3019434	9.2870440	836	28.9136646	9.4203872
802	28.3196045	9.2909072	837	28.9309523	9.4241419
803	28.3372546	9.2947671	838	28.9482296	9.4278936
804	28.3548937	9.2986239	839	28.9654967	9.4316423
805	28.3725219	9.3024775	840	28.9827535	9.4353880

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
841	29.0000000	9.4391307	876	29.5972972	9.5682982
842	29.0172362	9.4428704	877	29.6141858	9.5719377
843	29.0344623	9.4466072	878	29.6310648	9.5755745
844	29.0516781	9.4503410	879	29.6479341	9.5792085
845	29.0688837	9.4540719	880	29.6647939	9.5828397
846	29.0860791	9.4577999	881	29.6816442	9.5864682
847	29.1032644	9.4615249	882	29.6984848	9.5900939
848	29.1204395	9.4652469	883	29.7153159	9.5937169
849	29.1376045	9.4689661	884	29.7321375	9.5973372
850	29.1547595	9.4726825	885	29.7489495	9.6009548
851	29.1719045	9.4763959	886	29.7657521	9.6045695
852	29.1890390	9.4801061	887	29.7825452	9.6081817
853	29.2061637	9.4838136	888	29.7993288	9.6117913
854	29.2232784	9.4875182	889	29.8161030	9.6153977
855	29.2403830	9.4912199	890	29.8328678	9.6190017
856	29.2574777	9.4949188	891	29.8496231	9.6226029
857	29.2745623	9.4986147	892	29.8663690	9.6262015
858	29.2916370	9.5023078	893	29.8831056	9.6297974
859	29.3087018	9.5059980	894	29.8998328	9.6333907
860	29.3257566	9.5096854	895	29.9165506	9.6369812
861	29.3428015	9.5133700	896	29.9332591	9.6405690
862	29.3598365	9.5170519	897	29.9499582	9.6441542
863	29.3768616	9.5207303	898	29.9666481	9.6477367
864	29.3938769	9.5244063	899	29.9833287	9.6513166
865	29.4108823	9.5280798	900	30.0000000	9.6548938
866	29.4278779	9.5317497	901	30.0166620	9.6584684
867	29.4448637	9.5354172	902	30.0333145	9.6620403
868	29.4618397	9.5390818	903	30.0499584	9.6656096
869	29.4788059	9.5427436	904	30.0665927	9.6691762
870	29.4957624	9.5464027	905	30.0832179	9.6727402
871	29.5127091	9.5500589	906	30.0998339	9.6763017
872	29.5296461	9.5537123	907	30.1164407	9.6798604
873	29.5465734	9.5573629	908	30.1330383	9.6834166
874	29.5634910	9.5610108	909	30.1496268	9.6869702
875	29.5803989	9.5646560	910	30.1662062	9.6905211

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
911	30.1827765	9.6940694	946	30.7571130	9.8166591
912	30.1993377	9.6976151	947	30.7733651	9.8201169
913	30.2158898	9.7011583	948	30.7896086	9.8235723
914	30.2324329	9.7046988	949	30.8058436	9.8270252
915	30.2489669	9.7082369	950	30.8220700	9.8304757
916	30.2654919	9.7117723	951	30.8382879	9.8339238
917	30.2820078	9.7153051	952	30.8544972	9.8373695
918	30.2985148	9.7188351	953	30.8706981	9.8408127
919	30.3150128	9.7223631	954	30.8868904	9.8442536
920	30.3315018	9.7258883	955	30.9030742	9.8476920
921	30.3479818	9.7294108	956	30.9192497	9.8511283
922	30.3644529	9.7329309	957	30.9354160	9.8545620
923	30.3809150	9.7364487	958	30.9515751	9.8579929
924	30.3973683	9.7399634	959	30.9677251	9.8614217
925	30.4138126	9.7434758	960	30.9838668	9.8648483
926	30.4302481	9.7469856	961	31.0000000	9.8682724
927	30.4466748	9.7504931	962	31.0161248	9.8716941
928	30.4630924	9.7539979	963	31.0222413	9.8751130
929	30.4795013	9.7575002	964	31.0283494	9.8785305
930	30.4959013	9.7610001	965	31.0344492	9.8819451
931	30.5122926	9.7644973	966	31.0405405	9.8853574
932	30.5286750	9.7679922	967	31.0466236	9.8887673
933	30.5450487	9.7714845	968	31.0526983	9.8921749
934	30.5614136	9.7749742	969	31.0587648	9.8955801
935	30.5777697	9.7784616	970	31.0648230	9.8989830
936	30.5941171	9.7819465	971	31.0708729	9.9023835
937	30.6104557	9.7854288	972	31.0769145	9.9057817
938	30.6267857	9.7889087	973	31.0829479	9.9091776
939	30.6431069	9.7923863	974	31.0889731	9.9125712
940	30.6594194	9.7958611	975	31.0949899	9.9159624
941	30.6757233	9.7993335	976	31.1009987	9.9193513
942	30.6920187	9.8028036	977	31.1069992	9.9227379
943	30.7083051	9.8062711	978	31.1129915	9.9261222
944	30.7245829	9.8097362	979	31.1189757	9.9295042
945	30.7408523	9.8131986	980	31.1249517	9.9328838

N.	Rad. Quadr.	Rad. Cub.	N.	Rad. Quadr.	Rad. Cub.
981	31.3209179	9.9362616	991	31.4801525	9.9699095
982	31.3368792	9.9396363	992	31.4960315	9.9732619
983	31.3528308	9.9430092	993	31.5119025	9.9766120
984	31.3687743	9.9463797	994	31.5277655	9.9799599
985	31.3847097	9.9497469	995	31.5436206	9.9833054
986	31.4006369	9.9531138	996	31.5594677	9.9866486
987	31.4165561	9.9564775	997	31.5753068	9.9899899
988	31.4324673	9.9598389	998	31.5911380	9.9933288
989	31.4483704	9.9631980	999	31.6069611	9.9966655
990	31.4642654	9.9665543	1000	31.6227766	10.0000000

GABINET MATEMATYCZNY
 Towarzystwa Miłośników
 Nauki w Warszawie

