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USE OF LOGARITHMS AND LOGARITHMIC TABLES

SECOND EDITION

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THE USE OF LOGARITHMS

It is not intended in the following pages to discuss the mathematical principles on which logarithms and expressions containing logarithms are based, but simply to impart a working knowledge of the use of logarithms, so that practical men, unfamiliar with this means for eliminating much of the work ordinarily required in long and cumbersome calculations, may be able to make advantageous use of the tables of logarithms given in the latter part of the book.

The object of logarithms is to facilitate and shorten calculations involving multiplication, division, the extraction of roots, and the obtaining of powers of numbers, as will be explained later; but ordinary logarithms cannot be applied to operations involving addition and subtraction. Before entering directly upon the subject of the use of logarithms in carrying out the various classes of calculations mentioned, it will be necessary to deal with the question of how to find the logarithm of a given number from the tables; or, if the logarithm is given, how to find the corresponding number.

A logarithm consists of two parts, a whole number and a decimal. The whole number, which may be either a positive or a negative number,* or zero, according to the rules which will be given in the following, is called the *characteristic*; the decimal is called the *mantissa*. The decimal or mantissa only is given in the tables of logarithms on pages 18 to 35, inclusive, and is always positive. The logarithm of 350, for example is 2.54407. Here "2" is the characteristic, and "54407" is the mantissa, this latter being found from the table on page 23.

Rules for Finding the Characteristic

The characteristic is not given in the tables of logarithms, due partly to the fact that it can so easily be determined without the aid of tables, and partly because the tables, so to say, are universal when the characteristic is left out.

For 1 and all numbers greater than 1 the characteristic is one less than the number of places to the left of the decimal point in the given number.

The characteristic of the logarithm of 237, therefore, is 2, because 2 is one less than the number of figures in 237. The characteristic of the logarithm of 237.26 is also 2, because it is only the number of figures to the left of the decimal point that is considered.

The characteristic of the logarithm of 7 is 0, because 0 is one less

* See MACHINERY'S Reference Series No. 54, Solution of Triangles, Chapter III, Positive and Negative Quantities.

than 1, which is the number of places in the given number. Below are given several numbers with the characteristics of their logarithms:

| Number | Characteristic of Logarithm |
|--------------|--------------------------------|
| 31 | 1 |
| 3163 | 3 |
| 229.634 | 2 |
| 1,112,352.62 | 6 |
| 1000 | 3 |
| 100 | 2 |
| 1 | 0 |

For numbers smaller than 1, that is, for numbers wholly decimal, the characteristic is negative, and its numerical value is one more than the number of ciphers between the decimal point and the first decimal which is not a cipher.

The numerical value of the characteristic of the logarithm of 0.036, therefore, is 2; being negative it is — 2. Instead of writing the minus sign (—) in front of or before the figure (—2), it is, however, written over the figure ($\bar{2}$). This method is used because the minus sign refers only to the characteristic, and not to the mantissa, this latter always being positive. In the same way, the characteristic of the logarithm of 0.36 is $\bar{1}$; and the characteristic of the logarithm of 0.0006 is $\bar{4}$. Below are given several examples:

| Number | Characteristic of Logarithm |
|-----------|--------------------------------|
| 0.0000375 | $\bar{5}$ |
| 0.3 | $\bar{1}$ |
| 0.375 | $\bar{1}$ |
| 0.000812 | $\bar{4}$ |
| 0.01234 | $\bar{2}$ |

Finding the Logarithms of Numbers

After the characteristic has been found by the rules just given, the mantissa must be found from the tables of logarithms. When finding the mantissa the decimal point is entirely disregarded. The mantissa of the logarithms of 2716, 271.6, 27.16, 2.716, or 0.02716, for example, is the same; it is only necessary to find the given figures in the tables, irrespective of the location of the decimal point.

Referring now to the tables on pages 18 to 35, it will be seen that numbers from 100 to 1,000 are given in the left-hand column. In addition, at the top of the tables, are figures from 0 to 9, each heading a column of logarithms. These additional figures make it possible to obtain directly from the tables the logarithms for all numbers with four figures or less. The body of the tables gives the mantissa of the logarithms.

While the tables do not give directly the mantissa of logarithms of numbers with more than four figures, it is possible to approximate the logarithm for numbers with a greater number of figures by methods which will be explained later. At present, when the logarithm is required for numbers with five or more figures, we will assume that

for practical results it is accurate enough to find the mantissa of the logarithm of the first four figures of the number, remembering, of course, that if the fifth figure is more than 5, then the fourth figure should be increased by one unit.

To find the logarithm of a number from the tables, first locate the three first figures of the number for which the logarithm is required in the left-hand column, and then find the fourth figure at the top of the columns of the page. Then follow the column down from this last figure until opposite the three first figures in the left-hand column. The figure thus found in the body of the table is the mantissa of the logarithm, the characteristic having already been found by the rules previously given.

If the number of which the logarithm is required does not contain four figures, annex ciphers to the right so as to obtain four figures. If the mantissa of the logarithm of 6 is required, for example, find the mantissa for 6,000. The mantissa is the same for 6, 0.6, 0.06, 60, 600, 6,000, etc., as already explained. The difference in the logarithm is taken care of by the change of characteristic for these various values. In order to save space in the tables, it will be seen by referring to them that the first two figures of the mantissa have been given in the first columns of logarithms only, the 0-column. These two figures should, however, always precede the three figures given in each of the following columns.

A few examples will now make the use of the tables clearer.

Example 1.—Find the logarithm of 1852.

Following the rule already given, locate 185 in the left-hand column of the tables (it will be found on page 19), and then following downward the column headed "2" at the top of the page, find the required mantissa opposite 185. It will be seen that the mantissa is .26764,* the figures 26 being found in the column under "0" and prefixed to the figures 764 found directly in the column under "2." The characteristic of the logarithm, according to the rules previously given, is 3. Hence the logarithm of 1852, or, as it is commonly written, $\log 1852 = 3.26764$.

Example 2.—Find $\log 1.852$.

As the figures in this number are the same as in that given in example 1, the mantissa remains the same; but the characteristic is 0. Therefore, the required logarithm, or $\log 1.852 = 0.26764$.

Example 3.—Find $\log 93.14$.

Locate 931 in the left-hand column of the tables (page 34), and then following downward the column headed "4" at the top of the page, find the required mantissa opposite 931. It will be found that the mantissa is .96914. The characteristic is 1. Hence $\log 93.14 = 1.96914$.

Example 4.—Find $\log 4.576$.

Find as before the last three figures of the mantissa opposite 457

* All the mantissas, or the numbers in the tables, are decimals, and the decimal point has, therefore, been omitted entirely, since no confusion could arise from this; but it should always be put before the figures of the mantissa as soon as taken from the table. The practice of eliminating the decimal point from the tables is common to all logarithmic tables.

in the left-hand column, and in the column under "6" at the top of the page. The figures are $^{*}049$. The sign * indicates that the two figures to be prefixed are not 65, as would ordinarily be the case, but 66, or the figures given in the next following line in the 0-column. This rule should always be borne in mind. Hence, $\log 4.576 = 0.66049$.

Example 5.—Find $\log 72$.

To find the mantissa, proceed as if it were to be found for 7200. This we find from the tables to be $.85733$. The characteristic of the logarithm of 72 is 1. Hence $\log 72 = 1.85733$.

Example 6.—Find $\log 0.007631$.

To find the mantissa, proceed as if it were to be found for 7631. This we find from the tables to be $.88258$. The characteristic is $\bar{3}$, according to the rule given for characteristics of logarithms of numbers less than 1. Hence, $\log 0.007631 = \bar{3}.88258$.

Example 7.—Find $\log 37,262$.

While we will later explain how to find more exactly the mantissa for a number with five figures, at present we may consider it accurate enough for our purpose to find the mantissa for four figures, or for 3726. This is $.57124$. The characteristic of the logarithm of 37,262 is 4. Hence $\log 37,262 = 4.57124$. This, of course, is only an approximation, but is near enough for nearly all shop and general engineering calculations.

If the given number had been 37,267 instead of 37,262, the logarithm should have been found for 3727, as the fourth figure then should have been increased by 1, when dropping the fifth figure, which is larger than 5.

Below are given several examples of numbers with their logarithms. A careful study of these examples, the student finding the logarithms for himself from the tables, and checking them with the results given, will tend to make the methods employed clearer and fix them in the mind.

| Number | Logarithm |
|--------|-----------------|
| 16.95 | 1.22917 |
| 2 | 0.30103 |
| 966.2 | 2.98507 |
| 151 | 2.17898 |
| 3.5671 | 0.55230 |
| 12.91 | 1.11093 |
| 3803.8 | 3.58024 |
| 0.007 | $\bar{3}.84510$ |

It should be understood that in logarithms of numbers less than 1, the characteristic, only, is negative. The mantissa is always positive, so that $\bar{3}.84510$ actually means $(-3) + 0.84510$.

Finding the Number whose Logarithm is Given

When a logarithm is given, and it is required to find the corresponding number, first find the first two figures of the mantissa in the column headed "0" in the tables. Then find in the group of mantissas, all having the same first two figures, the remaining three figures.

These may be in any of the columns headed "0" to "9." The number heading the column in which the last three figures of the mantissa were found, is the last figure in the number sought, and the number in the left-hand column, headed "N," in line with the figures of the mantissa, gives the three first figures in the number sought.

When the actual figures in the number sought have thus been determined, locate the decimal point according to the rules given for the characteristic of logarithms. If the characteristic is greater than 3, ciphers are added. For example, if the figures corresponding to a certain mantissa are 3765, and the characteristic is 5, then the number sought must have 6 figures to the left of the decimal point, and hence would be 376500. If the characteristic had been 3, then the number sought, in this case, would have been 0.003765.

If the mantissa is not exactly obtainable in the tables, find the nearest mantissa in the table to the one given, and determine the number corresponding to this. In most cases this gives ample accuracy. A method will be explained later whereby still greater accuracy may be obtained, but for the present it will be assumed that the numbers corresponding to the nearest mantissa in the tables are accurate enough for practical purposes.

A few examples will now be given in which it is required to find the number when the logarithm is given.

Example 1.—Find the number whose logarithm is 3.89382.

First find the first two figures of the mantissa (89) in the column headed "0" in the tables. Then find the remaining three figures (382) in the mantissas which all have 89 for their first two figures. The figures "382" are found in the column headed "1," which thus is the last figure in the number sought; the figures "382" are also opposite the number 783 in the left-hand column, which gives the first three figures in the number sought. The figures in this number, thus, are 7831, and as the characteristic is 3, it indicates that there are four figures to the left of the decimal point, or, in other words, that 7831 is a whole number.

Example 2.—Find the number whose logarithm is 2.75020.

First find the first two figures of the mantissa (75) in the column head "0" in the tables. Then find the remaining three figures (020) in the mantissas, which all have 75 for their first two figures. The * in front of the figure *.020 in the line next above that in which 75 was found indicates that these figures belong to the group preceded by 75. Therefore, as *.020 is found in the column headed "6" and opposite the number 562 in the left-hand column, the figures in the number required to be found are 5626. As the characteristic is 2, the decimal point is placed after the first three figures, and, hence, the number whose logarithm is 2.75020 is 562.6.

Example 3.—Find the number whose logarithm is 2.45350.

After having located 45 in the column headed "0," it will be found that the last three figures (350) of the mantissa are not to be found in the table in the group preceded by 45. The nearest value in the table, which is 347, is, therefore, located, and the corresponding num-

5.500

7831.
382

562

ber is found to be 284.1, the decimal point being placed after the third figure, because the characteristic of the logarithm is 2. Had the characteristic of the logarithm been 5 instead of 2, the number to be found would have been 284,100.

Below are given a selection of examples of logarithms with their corresponding numbers. The student should find the numbers for himself from the tables, and check them with the results given. This will aid in fixing the rules and methods employed more firmly in the mind.

| Logarithm | Corresponding Number |
|-----------|-------------------------|
| 1.43201 | 27.04 |
| 4.89170 | 77,930 |
| 2.76057 | 0.05762 |
| 0.12096 | 1.321 |
| 2.99099 | 979.5 |
| 1.60206 | 0.4 |
| 5.60206 | 400,000 |

It being now assumed that the student has mastered the methods for finding the logarithms for given numbers, and the numbers for given logarithms, from the tables, the use of logarithms in multiplication and division will next be explained.

Multiplication by Logarithms

If two or more numbers are to be multiplied together, find the logarithms of the numbers to be multiplied, and then add these logarithms; the sum is the logarithm of the product, and the number corresponding to this logarithm is the required product.

Example 1.—Find the product of $2831 \times 2.692 \times 29.69 \times 19.4$.

This calculation is carried out by means of logarithms as follows:

$$\begin{array}{r}
 \log 2831. \quad = 3.45194 \\
 \log 2.692 = 0.43008 \\
 \log 29.69 = 1.47261 \\
 \log 19.4 \quad = 1.28780 \\
 \hline
 6.64243
 \end{array}$$

The sum of the logarithms, 6.64243, is the logarithm of the product, and from the tables we then find that the product equals 4,390,000. This result is, of course, only approximately correct, at the last three figures are added ciphers; but for most engineering calculations the result would give all the accuracy required. In most engineering calculations one or more factors are *assumed* from experimental values, and as these assumed values evidently must often vary between wide limits, it would show lack of judgment to require calculations in which such assumed values enter, to be carried out with too many "significant" figures. Such values are fully as well expressed in round numbers, with ciphers annexed to give the required value to the figures found from the tables.

If one or more of the characteristics of the logarithms are negative, these are subtracted instead of added to the sum of the character-

istics. The mantissas, as already mentioned, are always positive, so that they are always added in the usual manner. In order to fully understand the adding of positive and negative numbers in the following examples, the student should be familiar with calculations with positive and negative quantities, as explained in MACHINERY'S Reference Series No. 54, Solution of Triangles, Chapter III.

Example 2.—Find the product $371.2 \times 0.0972 \times 3$.

$$\begin{array}{r} \log 371.2 = 2.56961 \\ \log 0.0972 = 2.98767 \\ \log 3 = 0.47712 \\ \hline 2.03440 \end{array}$$

The number corresponding to the logarithm 2.03440 is 108.2. Note that the first two figures of the mantissa of the logarithm are 03.

Example 3.—Find the product $12.76 \times 0.012 \times 0.6$.

$$\begin{array}{r} \log 12.76 = 1.10585 \\ \log 0.012 = 2.07918 \\ \log 0.6 = 1.77815 \\ \hline 2.96318 \\ \lambda \end{array}$$

The product, hence, is 0.09187.

Division by Logarithms

When dividing one number by another, the logarithm of the divisor is subtracted from the logarithm of the dividend. The remainder is the logarithm of the quotient.

For example, if we are to find the quotient of $7568 \div 935.3$, we first find $\log 7568$ and then subtract from it $\log 935.3$. The remainder is then the logarithm of the quotient.

It is advisable, however, to make a modification, as explained in the following, of the logarithm of the divisor so as to permit of its addition to, instead of its subtraction from the logarithm of the dividend. Assume, for instance, that an example, as below, were given:

$$\begin{array}{r} 375.2 \times 97.2 \times 0.0762 \times 3 \\ \hline 962.1 \times 92 \times 33.26 \end{array}$$

It would be perfectly correct to find the logarithms of all the factors in the numerator and add them together, and then the logarithms of all the factors in the denominator and add them together; and finally subtract the sum of the logarithms of the denominator from the sum of the logarithms of the numerator. The remainder is the logarithm of the result of the calculation. This method, however, involves two separate additions and one subtraction. It is possible, by a modification of the logarithms of the numbers in the denominator to so arrange the calculation that a single addition will give the logarithm of the final result.

In dealing with positive and negative numbers we learn that if we add a negative number to a positive number, the sum will be the same as if we subtract the numerical value of the negative

number from the positive number; that is $5 + (-2) = 5 - 2 = 3$. If we reverse this proposition we have $5 - 2 = 5 + (-2)$. If we now assume that 5 is the logarithm of a certain number a and 2 the logarithm of another number b , and if we insert these values in the last expression, instead of 5 and 2, we have:

$$\log a - \log b = \log a + (-\log b).$$

From this we see that instead of subtracting $\log b$ from $\log a$ we can add the negative value of $\log b$ and obtain the same result. As the mantissa always must remain positive, in order to permit direct addition, the negative value of the logarithm cannot be obtained by simply placing a minus sign before it. Instead, it is obtained in the following manner:

If the characteristic is positive, add 1 to its numerical value and place a minus sign over it. To obtain the mantissa, subtract the given mantissa from 1.00000.

Example 1.—The logarithm of 950 = 2.97772. Find ($-\log 950$).

According to the rule given, the characteristic will be $\bar{3}$. The mantissa will be $1.00000 - .97772 = .02228$. The last calculation can be carried out mentally without writing it down at all, by simply finding the figure which, added to the last figure in the given mantissa would make the sum 10, and the figures which added to each of the other figures in the mantissa, would make the sum 9, as shown below:

$$\begin{array}{r} 9 \ 7 \ 7 \ 7 \ 2 \\ 0 \ 2 \ 2 \ 2 \ 8 \\ \hline 9 \ 9 \ 9 \ 9 \ 10 \end{array}$$

As this calculation is easily carried out mentally, the method described, when fully mastered, greatly simplifies the work where operations of both multiplication and division are to be performed in the same example.

Example 2.—The logarithm of 2 is 0.30103. Find ($-\log 2$).

According to the given rules the characteristic is $\bar{1}$, and the mantissa, .69897.

The following examples should be studied until thoroughly understood:

$$\begin{array}{ll} \log 270. = 2.43136 & -\log 270. = \bar{3}.56864 \\ \log 10. = 1.00000 & -\log 10. = \bar{1}.00000 \\ \log 26.99 = 1.43120 & -\log 26.99 = \bar{2}.56880 \end{array}$$

In the example in the second line an exception from the rule for obtaining the mantissa of the negative logarithm is made. It is obvious, however, that if $\log 10 = 1.00000$, then $(-\log 10) = \bar{1}.00000$. In the example in the last line there is another deviation from the literal understanding of the rule for the mantissa. As the last figure in the positive logarithm is 0, the last figure in $(-\log 26.99)$ is also 0, and the next last figure is treated as if it were the last, making the next last figure in the negative logarithm 8.

If the characteristic of the logarithm is negative, subtract 1 from its numerical value, and make it positive. The mantissa is obtained by the same rule as before.

Example 1.—The logarithm of 0.003 = 3.47712. Find ($-\log 0.003$). According to the rule just given the characteristic will be 2. The mantissa will be .52288. Hence ($-\log 0.003$) = 2.52288.

The following examples should be studied until fully understood:

| | | | |
|---------------|-----------|-------------------|-----------|
| log 0.3 | = 1.47712 | $-\log 0.3$ | = 0.52288 |
| log 0.0006963 | = 3.84280 | $-\log 0.0006963$ | = 3.15720 |
| log 0.6607 | = 1.82000 | $-\log 0.6607$ | = 0.18000 |

When sufficient practice has been obtained, the negative value of a logarithm can be read off almost as quickly from the tables as the positive value given, and the subsequent gain of time, and the ease of the calculations following, more than justify this short-cut method.

Examples of the Use of Logarithms

We will now give a number of examples of the use of logarithms in calculations involving multiplication and division. No comments will be made, as it is assumed that the student has now grasped the principles sufficiently to be able to follow the methods used without further explanation.

Example 1.

$$\begin{array}{r}
 0.0272 \times 27.1 \times 12.6. \\
 \hline
 2.371 \times 0.007 \\
 \log 0.0272 = 1.43457 \\
 \log 27.1 = 1.43297 \\
 \log 12.6 = 1.10037 \\
 -\log 2.371 = 1.62507 \\
 -\log 0.007 = 2.15490 \\
 \hline
 2.74788
 \end{array}$$

The result, then, is 559.6.

Example 2.

$$\begin{array}{r}
 0.3752 \times 0.063 \times 0.012 \\
 \hline
 0.092 \times 1289 \\
 \log 0.3752 = 1.57426 \\
 \log 0.063 = 1.79934 \\
 \log 0.012 = 1.07918 \\
 -\log 0.092 = 1.03621 \\
 -\log 1289.0 = 3.88975 \\
 \hline
 3.37874
 \end{array}$$

The result, then, is 0.000002392.

Example 3.

$$\begin{array}{r}
 3.463 \times 1.056 \times 14.7 \times 144 \times 10 \\
 \log 3.463 = 0.53945 \\
 \log 1.056 = 0.02366 \\
 \log 14.7 = 1.16732 \\
 \log 144.0 = 2.15836 \\
 \log 10.0 = 1.00000 \\
 \hline
 4.88879
 \end{array}$$

The result, then, is 77,410.

Example 4.

$$\begin{array}{r}
 0.00005427 \times 392 \times 2.5 \times 200 \times 200 \\
 \log \quad 0.00005427 = 5.73456 \\
 \log \quad 392. \quad \quad = 2.59329 \\
 \log \quad 2.5 \quad \quad = 0.39794 \\
 \log \quad 200. \quad \quad = 2.30103 \\
 \log \quad 200. \quad \quad = 2.30103 \\
 \hline
 3.32785
 \end{array}$$

Hence, the result is 2127.

Obtaining the Powers of Numbers

Expressions of the form 6.51^3 can easily be calculated by means of logarithms. The small (³) is called exponent.* In this case the "third power" of 6.51 is required.

A number may be raised to any power by simply multiplying the logarithm of the number by the exponent of the number. The product gives the logarithm of the value of the power.

Example 1.—Find the value of 6.51^3 .

$$\begin{array}{r}
 \log 6.51 = 0.81358 \\
 3 \times 0.81358 = 2.44074
 \end{array}$$

The logarithm 2.44074 is then the logarithm of 6.51^3 . Hence 6.51^3 equals the number corresponding to this logarithm, as found from the tables, or $6.51^3 = 275.9$.

Example 2.—Find the value of $12^{1.29}$.

$$\begin{array}{r}
 \log 12 = 1.07918 \\
 1.29 \times 1.07918 = 1.39214
 \end{array}$$

Hence, $12^{1.29} = 24.67$.

The multiplication 1.29×1.07918 is carried out in the usual arithmetical way. The example above is one of a type which cannot be solved by any means except by the use of logarithms. An expression of the form 6.51^3 can be found by arithmetic by multiplying $6.51 \times 6.51 \times 6.51$, but an expression of the form $12^{1.29}$ does not permit of being calculated by any arithmetical method. Logarithms are here absolutely essential.

One difficulty is met with when raising a number less than 1 to a given power. The logarithm is then composed of a negative term, the characteristic, and a positive term, the mantissa. For example: Find the value 0.31^5 . The logarithm of 0.31 = 1.49136. In this case, multiply, separately, the characteristic and the mantissa by the exponent, as shown below. Then add the products.

$$\log 0.31 = \overline{1}49136$$

Multiplying characteristic and mantissa separately by 5 we have:

$$\begin{array}{r}
 5 \times \overline{1} = \overline{5} \\
 5 \times .49136 = 2.45680
 \end{array}$$

$$\log 0.31^5 = \overline{5}.45680$$

Hence, $0.31^5 = 0.002863$.

* See MACHINERY'S Reference Series No. 52, Advanced Shop Arithmetic for the Machinist, Chapter III.

If the exponent is not a whole number, the procedure will be somewhat more complicated. The principle of the method, however, remains the same.

Example: Find the value of $0.06^{2.31}$

$$\log 0.06 = \bar{2}.77815$$

Then

$$\begin{aligned} 2.31 \times \bar{2} &= 2.31 \times (-2) = -4.62 \\ 2.31 \times 0.77815 &= 1.79753 \end{aligned}$$

In this case, the first product, -4.62 , is negative both as regards the whole number and the decimal. In order to make the decimal positive so that we may be able to add it directly to the second product, 1.79753 , we must use the same rule as given for changing a logarithm with a positive characteristic to a negative value. Hence $-4.62 = \bar{5}.38$. We can now add the products:

$$\begin{array}{r} \bar{5}.38 \\ 1.79753 \\ \hline \end{array}$$

$$\log 0.06^{2.31} = \bar{3}.17753$$

Hence $0.06^{2.31} = 0.001505$.

As a further example, find $0.07^{3.51}$.

$$\log 0.07 = \bar{2}.84510$$

Then

$$\begin{aligned} 3.51 \times \bar{2} &= 3.51 \times (-2) = -7.02 = \bar{8}.98 \\ 3.51 \times .84510 &= 2.96630 \\ \hline \log 0.07^{3.51} &= \bar{5}.94630 \end{aligned}$$

Hence $0.07^{3.51} = 0.00008837$.

Extracting Roots by Logarithms

Roots of numbers, as for example $\sqrt[3]{37}$, can easily be extracted by means of logarithms. The small (^o) in the radical ($\sqrt{\quad}$) of the root-sign is called the index of the root. In the case of the square root the index is (²), but it is not usually indicated, the square root being merely expressed by the sign $\sqrt{\quad}$.

Any root of a number may be found by dividing its logarithm by the index of the root; the quotient is the logarithm of the root.

Example 1.—Find $\sqrt[3]{276}$.

$$\begin{aligned} \log 276 &= 2.44091 \\ 2.44091 \div 3 &= 0.81364 \end{aligned}$$

Hence $\log \sqrt[3]{276} = 0.81364$, and $\sqrt[3]{276} = 6.511$.

Example 2.—Find $\sqrt[3]{0.67}$.

$$\log 0.67 = \bar{1}.82607$$

In this case we cannot divide directly, because we have a negative characteristic and a positive mantissa. We then proceed as follows: Add numerically as many negative units or parts of units to the characteristic as is necessary to make it evenly contain the index of the root. Then add the *same* number of *positive* units or parts of units to the mantissa. Divide each separately by the index. The quotients give

the characteristic and mantissa, respectively, of the logarithm of the root.

Proceeding with the example above according to this rule, we have:

$$\begin{aligned} I + 2 &= 3; & 3 + 8 &= I. \\ .82607 + 2 &= 2.82607; & 2.82607 \div 3 &= .94202. \end{aligned}$$

Hence, $\log \sqrt[3]{0.67} = I.94202$, and $\sqrt[3]{0.67} = 0.875$.

Example 3.—Find $\sqrt[1.7]{0.2}$.

$$\log 0.2 = I.30103.$$

If we add (-0.7) to the characteristic of the logarithm found, it will be evenly divisible by the index of the root.

Hence:

$$\begin{aligned} I + (-0.7) &= -1.7; & -1.7 \div 1.7 &= I. \\ .30103 + 0.7 &= 1.00103; & 1.00103 \div 1.7 &= .58884. \end{aligned}$$

Hence, $\log \sqrt[1.7]{0.2} = I.58884$, and $\sqrt[1.7]{0.2} = 0.388$.

A number of examples of the use of logarithms in the solution of everyday problems in mechanics, are given in MACHINERY'S Reference Series No. 19, Use of Formulas in Mechanics, Chapter II, 2nd edition.

When exponents or indices are given in common fractions, it is usually best to change them to decimal fractions before proceeding further with the problem.

Interpolation

If the number for which the logarithm is required consists of five figures, it is possible, by means of the small tables in the right-hand column of the logarithm tables, headed "P. P." (proportional parts), to obtain the logarithm more accurately than by taking the nearest value for four figures, as has previously been done in the examples given. The method by which the logarithm is then obtained is called interpolation.

In the same way, if a logarithm is given, the exact value of which cannot be found in the tables, the number corresponding to the logarithm can be found to five figures by interpolation, although the main tables contain only numbers of four figures.

The logarithm of 2853 is 3.45530, and the logarithm of 2854 is 3.45545, as found from the tables. Assume that the logarithm of 2853.6 were required. It is evident that the logarithm of this latter number must have a value between the logarithms of 2853 and 2854. It must be somewhat greater than the logarithm of the former number, and somewhat smaller than that of the latter. While the logarithms, in general, are not proportional to the numbers to which they correspond, the difference is very slight in cases where the increase in the numbers is small; so that, in the case of an increase from 2853 to 2854, the logarithms for the decimals 2853.1, 2853.2, etc., may be considered proportional to the numbers. It is on this basis that the small tables in the right-hand column headed "P.P." are calculated, and the logarithm of 2853.6, for example, is found as follows:

Find first the difference between the nearest larger and the nearest smaller logarithms. $\log 2854 = 3.45545$ and $\log 2853 = 3.45530$. The

difference is 0.00015. Then in the small table headed "15" in the right-hand column find the figure opposite 6 (6 being the last or fifth figure in the given number). This figure is 9.0. Add this to the mantissa of the smaller of the two logarithms already found, disregarding the decimal point in the mantissa, and considering it, for the while being as a whole number. Then $45530 + 9.0 = 45539$. This is the mantissa of the logarithm of 2853.6, and the complete logarithm is 3.45539.

Example.—Find log 236.24.

Log 236.2 = 2.37328; log 236.3 = 2.37346; difference = 0.00018. In table "18" the proportional part opposite 4 is 7.2. Then $37328 + 7.2 = 37335.2$. The decimal 2 is not used, but is dropped. Hence log 236.24 = 2.37335. 37328
7.2

If the proportional part to be added has a decimal larger than 5, it should not be dropped before the figure preceding it has been raised one unit. For example, if the logarithm of 236.26 had been required, then the proportional part would have been 10.8 and the mantissa sought $37328 + 10.8 = 37338.8$. Now the decimal 8 cannot be dropped before the figure 8 preceding it has been raised to 9. Then log 236.26 = 2.37339.

If the number for which the logarithm is to be found consists of more than five figures, find the mantissa for the nearest number of five figures, but choose the characteristic according to the total number of figures to the left of the decimal point. For example, if the logarithm of 626.923 is required, find the mantissa, by interpolation, for 62692. If the logarithm for 626,923 is required, find the mantissa for 62693, always remembering to raise the value of the last figure, if the figure dropped is more than 5. The characteristic in each of these examples would, of course, be 5, as it is chosen according to the total number of figures to the left of the decimal point in the given numbers, which is 6.

To find a number whose logarithm is given more accurately than to four figures, when the given mantissa cannot be found exactly in the tables, find the mantissa which is nearest to, but less than the given mantissa. Subtract this mantissa from the nearest larger mantissa in the tables and find in the right-hand column the small table headed by this difference. Then subtract the nearest smaller mantissa from the given logarithm, and find the difference, exact or approximate, in the "proportional part" table (in the right-hand column of this table). The corresponding figure in the left-hand column of the "proportional part" table is the fifth figure in the number sought, the other four figures being those corresponding to the logarithm next smaller to the given logarithm.

Example.—Find the number whose logarithm is 4.46262.

The mantissa can not be found exactly in the tables; therefore, following the rules just given, we see that the nearest smaller mantissa in the tables equals 46255. The next larger is 46270. The difference between them is 15. The difference between the mantissa of the given logarithm, 46262 and the next smaller mantissa, 46255 is 7. Now, in the proportional parts table opposite 7.5 in the right-hand column of

the table headed 15, we find that the fifth figure of the number sought would be 5. The four first figures are 2901. Hence the number sought is 29,015.

The following examples, if carefully studied, will give the student a clear conception of the method of interpolation.

| Number | Logarithm |
|----------|-----------|
| 52,163 | 4.71736 |
| 26.913 | 1.42996 |
| 0.012635 | 2.10157 |
| 12.375 | 1.09254 |
| 6.9592 | 0.84256 |

The student should find for himself, first the logarithms corresponding to the given numbers, and then the numbers corresponding to the given logarithms. In this way a check on the accuracy of the work can be obtained by comparing with the results given.

General Remarks

In the system of logarithms tabulated on pages 18 to 35, the base of the logarithms is 10; that is, the logarithm is actually the exponent which would be affixed to 10 in order to give the number corresponding to the logarithm. For example $\log 20 = 1.30103$, which is the same as to say that $10^{1.30103} = 20$. $\log 100 = 2$, and, of course, we know that $10^2 = 100$. As $10^1 = 10$, the logarithm of $10 = 1$. The logarithm of $1 = 0$. The system of logarithms having 10 for its base is called the Briggs or the common system of logarithms.

While the accompanying logarithm tables are given to five decimals, it should be understood that the logarithm of a number can be calculated with any degree of accuracy, so that large logarithm tables give the logarithm with as many as seven decimal places, and some, used for very accurate scientific investigations, give as many as ten decimals. It will be noticed that in the accompanying tables the figure 5, when in the fifth decimal place, is either written $\bar{5}$ or $\underline{5}$. If the sixth place is 5 or more, the next larger number is used in the fifth place, and the logarithm is then written in the form 3.9085 $\bar{5}$. The dash over the 5 shows that the logarithm is less than given. If the sixth figure is less than 5, the logarithm is written 3.9102 $\underline{5}$, the dot over the 5 showing that the logarithm is more than given. In calculations of the type previously explained, this, however, need not be taken into consideration and these signs should be disregarded by the student.

Hyperbolic Logarithms

In certain mechanical calculations, notably those involving the calculation of the mean effective pressure of steam in engine cylinders, use is made of logarithms having for their base the number 2.7183, commonly designated e , and found by abstract mathematical analysis. These logarithms are termed *hyperbolic*, *Napierian* or *natural*; the preferable name, and that most commonly in use in the United States is hyperbolic logarithms. The hyperbolic logarithms are usually designated "hyp. log." Thus, when $\log 12$ is required, it always refers to

common logarithms, but when the hyp. log 12 is required, reference is made to hyperbolic logarithms. Sometimes, the hyperbolic logarithm is also designated " \log_e " and "nat. log."

To convert the common logarithms to hyperbolic logarithms, the former should be multiplied by 2.30258. To convert hyperbolic logarithms to common logarithms, multiply by 0.43429. These multipliers will be found of value in cases where hyperbolic logarithms are required in formulas. Hyperbolic logarithms find extensive use in higher mathematics.

SECTION II

TABLES OF COMMON LOGARITHMS

1 TO 10,000

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P.P. |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|
| 100 | 00 | 000 | 043 | 087 | 130 | 173 | 217 | 260 | 303 | 346 | 389 | |
| 101 | | 432 | 475 | 518 | 561 | 604 | 647 | 689 | 732 | 775 | 817 | 44 43 42 |
| 102 | | 860 | 903 | 945 | 988 | *030 | *072 | *115 | *157 | *199 | *242 | 1 4.4 4.3 4.2 |
| 103 | 01 | 284 | 326 | 368 | 410 | 452 | 494 | 536 | 578 | 620 | 662 | 2 8.8 8.6 8.4 |
| 104 | | 703 | 745 | 787 | 828 | 870 | 912 | 953 | 995 | *036 | *078 | 3 13.2 12.9 12.6 |
| 105 | 02 | 119 | 160 | 202 | 243 | 284 | 325 | 366 | 407 | 449 | 490 | 4 17.6 17.2 16.8 |
| 106 | | 531 | 572 | 612 | 653 | 694 | 735 | 776 | 816 | 857 | 898 | 5 22.0 21.5 21.0 |
| 107 | | 938 | 979 | *019 | *060 | *100 | *141 | *181 | *222 | *262 | *302 | 6 26.4 25.8 25.2 |
| 108 | 03 | 342 | 383 | 423 | 463 | 503 | 543 | 583 | 623 | 663 | 703 | 7 30.8 30.1 29.4 |
| 109 | | 743 | 782 | 822 | 862 | 902 | 941 | 981 | *021 | *060 | *100 | 8 35.2 34.4 33.6 |
| 110 | | | | | | | | | | | | 9 39.6 38.7 37.8 |
| 110 | 04 | 139 | 179 | 218 | 258 | 297 | 336 | 376 | 415 | 454 | 493 | |
| 111 | | 532 | 571 | 610 | 650 | 689 | 727 | 766 | 805 | 844 | 883 | 41 40 39 |
| 112 | | 922 | 961 | 999 | *038 | *077 | *115 | *154 | *192 | *231 | *269 | 1 .4.1 4.0 3.9 |
| 113 | 05 | 308 | 346 | 385 | 423 | 461 | 500 | 538 | 576 | 614 | 652 | 2 8.2 8.0 7.8 |
| 114 | | 690 | 729 | 767 | 805 | 843 | 881 | 918 | 956 | 994 | *032 | 3 12.3 12.0 11.7 |
| 115 | 06 | 079 | 108 | 145 | 183 | 221 | 258 | 296 | 333 | 371 | 408 | 4 16.4 16.0 15.6 |
| 116 | | 446 | 483 | 521 | 558 | 595 | 633 | 670 | 707 | 744 | 781 | 5 20.5 20.0 19.5 |
| 117 | | 819 | 856 | 893 | 930 | 967 | *004 | *041 | *078 | *115 | *151 | 6 24.6 24.0 23.4 |
| 118 | 07 | 188 | 225 | 262 | 298 | 335 | 372 | 408 | 445 | 482 | 518 | 7 28.7 28.0 27.3 |
| 119 | | 555 | 591 | 628 | 664 | 700 | 737 | 773 | 809 | 846 | 882 | 8 32.8 32.0 31.2 |
| 120 | | | | | | | | | | | | 9 36.9 36.0 35.1 |
| 120 | 08 | 279 | 314 | 350 | 386 | 422 | *099 | *135 | *171 | *207 | *243 | |
| 121 | | 636 | 672 | 707 | 743 | 778 | 814 | 849 | 884 | 920 | 955 | 38 37 36 |
| 122 | | 991 | *026 | *061 | *096 | *132 | *167 | *202 | *237 | *272 | *307 | 1 3.8 3.7 3.6 |
| 123 | 09 | 342 | 377 | 412 | 447 | 482 | 517 | 552 | 587 | 621 | 656 | 2 7.6 7.4 7.2 |
| 124 | | | | | | | | | | | | 3 11.4 11.1 10.8 |
| 125 | | 691 | 726 | 760 | 795 | 830 | 864 | 899 | 934 | 968 | *003 | 4 15.2 14.8 14.4 |
| 126 | 10 | 037 | 072 | 106 | 140 | 175 | 209 | 243 | 278 | 312 | 346 | 5 19.0 18.5 18.0 |
| 127 | | 380 | 415 | 449 | 483 | 517 | 551 | 585 | 619 | 653 | 687 | 6 22.8 22.2 21.6 |
| 128 | | 721 | 755 | 789 | 823 | 857 | 890 | 924 | 958 | 992 | *025 | 7 26.6 25.9 25.2 |
| 129 | 11 | 059 | 093 | 126 | 160 | 193 | 227 | 261 | 294 | 327 | 361 | 8 30.4 29.6 28.8 |
| 130 | | | | | | | | | | | | 9 34.2 33.3 32.4 |
| 130 | | 394 | 428 | 461 | 494 | 528 | 561 | 594 | 628 | 661 | 694 | |
| 131 | | 727 | 760 | 793 | 826 | 860 | 893 | 926 | 959 | 992 | *024 | 35 34 33 |
| 132 | 12 | 057 | 090 | 123 | 156 | 189 | 222 | 254 | 287 | 320 | 352 | 1 3.5 3.4 3.3 |
| 133 | | 385 | 418 | 450 | 483 | 516 | 548 | 581 | 613 | 646 | 678 | 2 7.0 6.8 6.6 |
| 134 | | 710 | 743 | 775 | 808 | 840 | 872 | 905 | 937 | 969 | *001 | 3 10.5 10.2 9.9 |
| 135 | 13 | 033 | 066 | 098 | 130 | 162 | 194 | 226 | 258 | 290 | 322 | 4 14.0 13.6 13.2 |
| 136 | | 354 | 386 | 418 | 450 | 481 | 513 | 545 | 577 | 609 | 640 | 5 17.5 17.0 16.5 |
| 137 | | 672 | 704 | 735 | 767 | 799 | 830 | 862 | 893 | 925 | 956 | 6 21.0 20.4 19.8 |
| 138 | | 988 | *019 | *051 | *082 | *114 | *145 | *176 | *208 | *239 | *270 | 7 24.5 23.8 23.1 |
| 139 | 14 | 301 | 333 | 364 | 395 | 426 | 457 | 489 | 520 | 551 | 582 | 8 28.0 27.2 26.4 |
| 140 | | | | | | | | | | | | 9 31.5 30.6 29.7 |
| 140 | | 613 | 644 | 675 | 706 | 737 | 768 | 799 | 829 | 860 | 891 | |
| 141 | | 922 | 953 | 983 | *014 | *045 | *076 | *106 | *137 | *168 | *198 | 32 31 30 |
| 142 | 15 | 229 | 259 | 290 | 320 | 351 | 381 | 412 | 442 | 473 | 503 | 1 3.2 3.1 3.0 |
| 143 | | 534 | 564 | 594 | 625 | 655 | 685 | 715 | 746 | 776 | 806 | 2 6.4 6.2 6.0 |
| 144 | | 836 | 866 | 897 | 927 | 957 | 987 | *017 | *047 | *077 | *107 | 3 9.6 9.3 9.0 |
| 145 | 16 | 137 | 167 | 197 | 227 | 256 | 286 | 316 | 346 | 376 | 406 | 4 12.8 12.4 12.0 |
| 146 | | 435 | 465 | 495 | 524 | 554 | 584 | 613 | 643 | 673 | 702 | 5 16.0 15.5 15.0 |
| 147 | | 732 | 761 | 791 | 820 | 850 | 879 | 909 | 938 | 967 | 997 | 6 19.2 18.6 18.0 |
| 148 | 17 | 026 | 056 | 085 | 114 | 143 | 173 | 202 | 231 | 260 | 289 | 7 22.4 21.7 21.0 |
| 149 | | 319 | 348 | 377 | 406 | 435 | 464 | 493 | 522 | 551 | 580 | 8 25.6 24.8 24.0 |
| 150 | | | | | | | | | | | | 9 28.8 27.9 27.0 |
| 150 | | 609 | 638 | 667 | 696 | 725 | 754 | 782 | 811 | 840 | 869 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P.P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|--------------|
| 150 | 17 | 609 | 638 | 667 | 696 | 725 | 754 | 782 | 811 | 840 | 869 | 29 28 1 2,9 2,8 2 5,8 5,6 3 8,7 8,4 4 11,6 11,2 5 14,5 14,0 6 17,4 16,8 7 20,3 19,6 8 23,2 22,4 9 26,1 25,2 | |
| 151 | | 898 | 926 | 955 | 984 | *013 | *041 | *070 | *099 | *127 | *156 | | |
| 152 | 18 | 184 | 213 | 241 | 270 | 298 | 327 | 355 | 384 | 412 | 441 | | |
| 153 | | 469 | 498 | 526 | 554 | 583 | 611 | 639 | 667 | 696 | 724 | | |
| 154 | | 752 | 780 | 808 | 837 | 865 | 893 | 921 | 949 | 977 | *005 | | |
| 155 | 19 | 033 | 061 | 089 | 117 | 145 | 173 | 201 | 229 | 257 | 285 | 27 26 1 2,7 2,6 2 5,4 5,2 3 8,1 7,8 4 10,8 10,4 5 13,5 13,0 6 16,2 15,6 7 18,9 18,2 8 21,6 20,8 9 24,3 23,4 | |
| 156 | | 312 | 340 | 368 | 396 | 424 | 451 | 479 | 507 | 535 | 562 | | |
| 157 | | 590 | 618 | 645 | 673 | 700 | 728 | 756 | 783 | 811 | 838 | | |
| 158 | | 866 | 893 | 921 | 948 | 976 | *003 | *030 | *058 | *085 | *112 | | |
| 159 | 20 | 140 | 167 | 194 | 222 | 249 | 276 | 303 | 330 | 358 | 385 | | |
| 160 | | 412 | 439 | 466 | 493 | 520 | 548 | 575 | 602 | 629 | 656 | 25 1 2,5 2 5,0 3 7,5 4 10,0 5 12,5 6 15,0 7 17,5 8 20,0 9 22,5 | |
| 161 | | 683 | 710 | 737 | 763 | 790 | 817 | 844 | 871 | 898 | 925 | | |
| 162 | | 952 | 978 | *005 | *032 | *059 | *085 | *112 | *139 | *165 | *192 | | |
| 163 | 21 | 219 | 245 | 272 | 299 | 325 | 352 | 378 | 405 | 431 | 458 | | |
| 164 | | 484 | 511 | 537 | 564 | 590 | 617 | 643 | 669 | 696 | 722 | | |
| 165 | | 748 | 775 | 801 | 827 | 854 | 880 | 906 | 932 | 958 | 985 | 24 23 1 2,4 2,3 2 4,8 4,6 3 7,2 6,9 4 9,6 9,2 5 12,0 11,5 6 14,4 13,8 7 16,8 16,1 8 19,2 18,4 9 21,6 20,7 | |
| 166 | 22 | 011 | 037 | 063 | 089 | 115 | 141 | 167 | 194 | 220 | 246 | | |
| 167 | | 272 | 298 | 324 | 350 | 376 | 401 | 427 | 453 | 479 | 505 | | |
| 168 | | 531 | 557 | 583 | 608 | 634 | 660 | 686 | 712 | 737 | 763 | | |
| 169 | | 789 | 814 | 840 | 866 | 891 | 917 | 943 | 968 | 994 | *019 | | |
| 170 | 23 | 045 | 070 | 096 | 121 | 147 | 172 | 198 | 223 | 249 | 274 | 22 21 1 2,2 2,1 2 4,4 4,2 3 6,6 6,3 4 8,8 8,4 5 11,0 10,5 6 13,2 12,6 7 15,4 14,7 8 17,6 16,8 9 19,8 18,9 | |
| 171 | | 300 | 325 | 350 | 376 | 401 | 426 | 452 | 477 | 502 | 528 | | |
| 172 | | 553 | 578 | 603 | 629 | 654 | 679 | 704 | 729 | 754 | 779 | | |
| 173 | | 805 | 830 | 855 | 880 | 905 | 930 | 955 | 980 | *005 | *030 | | |
| 174 | 24 | 055 | 080 | 105 | 130 | 155 | 180 | 204 | 229 | 254 | 279 | | |
| 175 | | 304 | 329 | 353 | 378 | 403 | 428 | 452 | 477 | 502 | 527 | 21 1 2,1 2 4,2 3 6,3 4 8,4 5 10,5 6 12,6 7 14,7 8 16,8 9 18,9 | |
| 176 | | 551 | 576 | 601 | 625 | 650 | 674 | 699 | 724 | 748 | 773 | | |
| 177 | | 797 | 822 | 846 | 871 | 895 | 920 | 944 | 969 | 993 | *018 | | |
| 178 | 25 | 042 | 066 | 091 | 115 | 139 | 164 | 188 | 212 | 237 | 261 | | |
| 179 | | 285 | 310 | 334 | 358 | 382 | 406 | 431 | 455 | 479 | 503 | | |
| 180 | | 527 | 551 | 575 | 600 | 624 | 648 | 672 | 696 | 720 | 744 | 20 1 2,0 2 4,0 3 6,0 4 8,0 5 10,0 6 12,0 7 14,0 8 16,0 9 18,0 | |
| 181 | | 768 | 792 | 816 | 840 | 864 | 888 | 912 | 935 | 959 | 983 | | |
| 182 | 26 | 007 | 031 | 055 | 079 | 102 | 126 | 150 | 174 | 198 | 221 | | |
| 183 | | 245 | 269 | 293 | 316 | 340 | 364 | 387 | 411 | 435 | 458 | | |
| 184 | | 482 | 505 | 529 | 553 | 576 | 600 | 623 | 647 | 670 | 694 | | |
| 185 | | 717 | 741 | 764 | 788 | 811 | 834 | 858 | 881 | 905 | 928 | 19 1 1,9 2 3,8 3 5,7 4 7,6 5 9,5 6 11,4 7 13,3 8 15,2 9 17,1 | |
| 186 | | 951 | 975 | 998 | *021 | *045 | *068 | *091 | *114 | *138 | *161 | | |
| 187 | 27 | 184 | 207 | 231 | 254 | 277 | 300 | 323 | 346 | 370 | 393 | | |
| 188 | | 416 | 439 | 462 | 485 | 508 | 531 | 554 | 577 | 600 | 623 | | |
| 189 | | 646 | 669 | 692 | 715 | 738 | 761 | 784 | 807 | 830 | 852 | | |
| 190 | | 875 | 898 | 921 | 944 | 967 | 989 | *012 | *035 | *058 | *081 | 18 1 1,8 2 3,6 3 5,4 4 7,2 5 9,0 6 10,8 7 12,6 8 14,4 9 16,2 | |
| 191 | 28 | 103 | 126 | 149 | 171 | 194 | 217 | 240 | 262 | 285 | 307 | | |
| 192 | | 330 | 353 | 375 | 398 | 421 | 443 | 466 | 488 | 511 | 533 | | |
| 193 | | 556 | 578 | 601 | 623 | 646 | 668 | 691 | 713 | 735 | 758 | | |
| 194 | | 780 | 803 | 825 | 847 | 870 | 892 | 914 | 937 | 959 | 981 | | |
| 195 | 29 | 003 | 026 | 048 | 070 | 092 | 115 | 137 | 159 | 181 | 203 | 17 1 1,7 2 3,4 3 5,1 4 6,8 5 8,5 6 10,2 7 11,9 8 13,6 9 15,3 | |
| 196 | | 226 | 248 | 270 | 292 | 314 | 336 | 358 | 380 | 403 | 425 | | |
| 197 | | 447 | 469 | 491 | 513 | 535 | 557 | 579 | 601 | 623 | 645 | | |
| 198 | | 667 | 688 | 710 | 732 | 754 | 776 | 798 | 820 | 842 | 863 | | |
| 199 | | 885 | 907 | 929 | 951 | 973 | 994 | *016 | *038 | *060 | *081 | | |
| 200 | 30 | 103 | 125 | 146 | 168 | 190 | 211 | 233 | 255 | 276 | 298 | 16 1 1,6 2 3,2 3 4,8 4 6,4 5 8,0 6 9,6 7 11,2 8 12,8 9 14,4 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 200 | 30 | 103. | 125 | 146 | 168 | 190 | 211 | 233 | 255 | 276 | 298 | 22 21 1 2,2 2,1 2 4,4 4,2 3 6,6 6,3 4 8,8 8,4 5 11,0 10,5 6 13,2 12,6 7 15,4 14,7 8 17,6 16,8 9 19,8 18,9 |
| 201 | | 320 | 341 | 363 | 384 | 406 | 428 | 449 | 471 | 492 | 514 | |
| 202 | | 535 | 557 | 578 | 600 | 621 | 643 | 664 | 685 | 707 | 728 | |
| 203 | | 750 | 771 | 792 | 814 | 835 | 856 | 878 | 899 | 920 | 942 | |
| 204 | | 963 | 984 | *006 | *027 | *048 | *069 | *091 | *112 | *133 | *154 | |
| 205 | 31 | 175 | 197 | 218 | 239 | 260 | 281 | 302 | 323 | 345 | 366 | |
| 206 | | 387 | 408 | 429 | 450 | 471 | 492 | 513 | 534 | 555 | 576 | |
| 207 | | 597 | 618 | 639 | 660 | 681 | 702 | 723 | 744 | 765 | 785 | |
| 208 | | 806 | 827 | 848 | 869 | 890 | 911 | 931 | 952 | 973 | 994 | |
| 209 | 32 | 015 | 035 | 056 | 077 | 098 | 118 | 139 | 160 | 181 | 201 | |
| 210 | | 222 | 243 | 263 | 284 | 305 | 325 | 346 | 366 | 387 | 408 | 20 1 2,0 2 4,0 3 6,0 4 8,0 5 10,0 6 12,0 7 14,0 8 16,0 9 18,0 |
| 211 | | 428 | 449 | 469 | 490 | 510 | 531 | 552 | 572 | 593 | 613 | |
| 212 | | 634 | 654 | 675 | 695 | 715 | 736 | 756 | 777 | 797 | 818 | |
| 213 | | 838 | 858 | 879 | 899 | 919 | 940 | 960 | 980 | *001 | *021 | |
| 214 | 33 | 041 | 062 | 082 | 102 | 122 | 143 | 163 | 183 | 203 | 224 | |
| 215 | | 244 | 264 | 284 | 304 | 325 | 345 | 365 | 385 | 405 | 425 | |
| 216 | | 445 | 465 | 486 | 506 | 526 | 546 | 566 | 586 | 606 | 626 | |
| 217 | | 640 | 660 | 680 | 700 | 720 | 740 | 760 | 780 | 800 | 820 | |
| 218 | | 846 | 866 | 885 | 905 | 925 | 945 | 965 | 985 | *005 | *025 | |
| 219 | 34 | 044 | 064 | 084 | 104 | 124 | 143 | 163 | 183 | 203 | 223 | |
| 220 | | 242 | 262 | 282 | 301 | 321 | 341 | 361 | 380 | 400 | 420 | 19 1 1,9 2 3,8 3 5,7 4 7,6 5 9,5 6 11,4 7 13,3 8 15,2 9 17,1 |
| 221 | | 439 | 459 | 479 | 498 | 518 | 537 | 557 | 577 | 596 | 616 | |
| 222 | | 635 | 655 | 674 | 694 | 713 | 733 | 753 | 772 | 792 | 811 | |
| 223 | | 830 | 850 | 869 | 889 | 908 | 928 | 947 | 967 | 986 | *005 | |
| 224 | 35 | 025 | 044 | 064 | 083 | 102 | 122 | 141 | 160 | 180 | 199 | |
| 225 | | 218 | 238 | 257 | 276 | 295 | 315 | 334 | 353 | 372 | 392 | |
| 226 | | 411 | 430 | 449 | 468 | 488 | 507 | 526 | 545 | 564 | 583 | |
| 227 | | 603 | 622 | 641 | 660 | 679 | 698 | 717 | 736 | 755 | 774 | |
| 228 | | 793 | 813 | 832 | 851 | 870 | 889 | 908 | 927 | 946 | 965 | |
| 229 | | 984 | *003 | *021 | *040 | *059 | *078 | *097 | *116 | *135 | *154 | |
| 230 | 36 | 173 | 192 | 211 | 229 | 248 | 267 | 286 | 305 | 324 | 342 | 18 1 1,8 2 3,6 3 5,4 4 7,2 5 9,0 6 10,8 7 12,6 8 14,4 9 16,2 |
| 231 | | 361 | 380 | 399 | 418 | 436 | 455 | 474 | 493 | 511 | 530 | |
| 232 | | 549 | 568 | 586 | 605 | 624 | 642 | 661 | 680 | 698 | 717 | |
| 233 | | 736 | 754 | 773 | 791 | 810 | 829 | 847 | 866 | 884 | 903 | |
| 234 | | 922 | 940 | 959 | 977 | 996 | *014 | *033 | *051 | *070 | *088 | |
| 235 | 37 | 107 | 125 | 144 | 162 | 181 | 199 | 218 | 236 | 254 | 273 | |
| 236 | | 291 | 310 | 328 | 346 | 365 | 383 | 401 | 420 | 438 | 457 | |
| 237 | | 475 | 493 | 511 | 530 | 548 | 566 | 585 | 603 | 621 | 639 | |
| 238 | | 658 | 676 | 694 | 712 | 731 | 749 | 767 | 785 | 803 | 822 | |
| 239 | | 840 | 858 | 876 | 894 | 912 | 931 | 949 | 967 | 985 | *003 | |
| 240 | 38 | 021 | 039 | 057 | 075 | 093 | 112 | 130 | 148 | 166 | 184 | 17- 1 1,7 2 3,4 3 5,1 4 6,8 5 8,5 6 10,2 7 11,9 8 13,6 9 15,3 |
| 241 | | 202 | 220 | 238 | 256 | 274 | 292 | 310 | 328 | 346 | 364 | |
| 242 | | 382 | 399 | 417 | 435 | 453 | 471 | 489 | 507 | 525 | 543 | |
| 243 | | 501 | 578 | 596 | 614 | 632 | 650 | 668 | 686 | 703 | 721 | |
| 244 | | 739 | 757 | 775 | 792 | 810 | 828 | 846 | 863 | 881 | 899 | |
| 245 | | 917 | 934 | 952 | 970 | 987 | *005 | *023 | *041 | *058 | *076 | |
| 246 | 39 | 094 | 111 | 129 | 146 | 164 | 182 | 199 | 217 | 235 | 252 | |
| 247 | | 270 | 287 | 305 | 322 | 340 | 358 | 375 | 393 | 410 | 428 | |
| 248 | | 445 | 463 | 480 | 498 | 515 | 533 | 550 | 568 | 585 | 602 | |
| 249 | | 620 | 637 | 655 | 672 | 690 | 707 | 724 | 742 | 759 | 777 | |
| 250 | | 794 | 811 | 829 | 846 | 863 | 881 | 898 | 915 | 933 | 950 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|--------|------|------|------|------|------|------|------|------|------|---|
| 250 | | 39 794 | 811 | 829 | 846 | 863 | 881 | 898 | 915 | 933 | 950 | 18 1 1,8 2 3,6 3 5,4 4 7,2 5 9,0 6 10,8 7 12,6 8 14,4 9 16,2 |
| 251 | | 967 | 985 | *002 | *019 | *037 | *054 | *071 | *088 | *106 | *123 | |
| 252 | 40 | 140 | 157 | 175 | 192 | 209 | 226 | 243 | 261 | 278 | 295 | |
| 253 | | 312 | 329 | 346 | 364 | 381 | 398 | 415 | 432 | 449 | 466 | |
| 254 | | 483 | 500 | 518 | 535 | 552 | 569 | 586 | 603 | 620 | 637 | |
| 255 | | 654 | 671 | 688 | 705 | 722 | 739 | 756 | 773 | 790 | 807 | 17 1 1,7 2 3,4 3 5,1 4 6,8 5 8,5 6 10,2 7 11,9 8 13,6 9 15,3 |
| 256 | | 824 | 841 | 858 | 875 | 892 | 909 | 926 | 943 | 960 | 976 | |
| 257 | | 993 | *010 | *027 | *044 | *061 | *078 | *095 | *111 | *128 | *145 | |
| 258 | 41 | 162 | 179 | 196 | 212 | 229 | 246 | 263 | 280 | 296 | 313 | |
| 259 | | 330 | 347 | 363 | 380 | 397 | 414 | 430 | 447 | 464 | 481 | |
| 260 | | 497 | 514 | 531 | 547 | 564 | 581 | 597 | 614 | 631 | 647 | 16 1 1,6 2 3,2 3 4,8 4 6,4 5 8,0 6 9,6 7 11,2 8 12,8 9 14,4 |
| 261 | | 664 | 681 | 697 | 714 | 731 | 747 | 764 | 780 | 797 | 814 | |
| 262 | | 830 | 847 | 863 | 880 | 896 | 913 | 929 | 946 | 963 | 979 | |
| 263 | | 996 | *012 | *029 | *045 | *062 | *078 | *095 | *111 | *127 | *144 | |
| 264 | 42 | 160 | 177 | 193 | 210 | 226 | 243 | 259 | 275 | 292 | 308 | |
| 265 | | 325 | 341 | 357 | 374 | 390 | 406 | 423 | 439 | 455 | 472 | 15 1 1,5 2 3,0 3 4,5 4 6,0 5 7,5 6 9,0 7 10,5 8 12,0 9 13,5 |
| 266 | | 488 | 504 | 521 | 537 | 553 | 570 | 586 | 602 | 619 | 635 | |
| 267 | | 651 | 667 | 684 | 700 | 716 | 732 | 749 | 765 | 781 | 797 | |
| 268 | | 813 | 830 | 846 | 862 | 878 | 894 | 911 | 927 | 943 | 959 | |
| 269 | | 975 | 991 | *008 | *024 | *040 | *056 | *072 | *088 | *104 | *120 | |
| 270 | | 43 136 | 152 | 169 | 185 | 201 | 217 | 233 | 249 | 265 | 281 | 14 1 1,4 2 2,8 3 4,2 4 5,6 5 7,0 6 8,4 7 9,8 8 11,2 9 12,6 |
| 271 | | 297 | 313 | 329 | 345 | 361 | 377 | 393 | 409 | 425 | 441 | |
| 272 | | 457 | 473 | 489 | 505 | 521 | 537 | 553 | 569 | 584 | 600 | |
| 273 | | 616 | 632 | 648 | 664 | 680 | 696 | 712 | 727 | 743 | 759 | |
| 274 | | 775 | 791 | 807 | 823 | 838 | 854 | 870 | 886 | 902 | 917 | |
| 275 | | 933 | 949 | 965 | 981 | 996 | *012 | *028 | *044 | *059 | *075 | 13 1 1,3 2 2,6 3 3,9 4 5,2 5 6,5 6 7,8 7 9,1 8 10,4 9 11,7 |
| 276 | 44 | 091 | 107 | 122 | 138 | 154 | 170 | 185 | 201 | 217 | 232 | |
| 277 | | 248 | 264 | 279 | 295 | 311 | 326 | 342 | 358 | 373 | 389 | |
| 278 | | 404 | 420 | 436 | 451 | 467 | 483 | 498 | 514 | 529 | 545 | |
| 279 | | 560 | 576 | 592 | 607 | 623 | 638 | 654 | 669 | 685 | 700 | |
| 280 | | 716 | 731 | 747 | 762 | 778 | 793 | 809 | 824 | 840 | 855 | 12 1 1,2 2 2,4 3 3,6 4 4,8 5 6,0 6 7,2 7 8,4 8 9,6 9 10,8 |
| 281 | | 871 | 886 | 902 | 917 | 932 | 948 | 963 | 979 | 994 | *010 | |
| 282 | 45 | 025 | 040 | 056 | 071 | 086 | 102 | 117 | 133 | 148 | 163 | |
| 283 | | 179 | 194 | 209 | 225 | 240 | 255 | 271 | 286 | 301 | 317 | |
| 284 | | 332 | 347 | 362 | 378 | 393 | 408 | 423 | 439 | 454 | 469 | |
| 285 | | 484 | 500 | 515 | 530 | 545 | 561 | 576 | 591 | 606 | 621 | 11 1 1,1 2 2,2 3 3,3 4 4,4 5 5,5 6 6,6 7 7,7 8 8,8 9 9,9 |
| 286 | | 637 | 652 | 667 | 682 | 697 | 712 | 728 | 743 | 758 | 773 | |
| 287 | | 788 | 803 | 818 | 834 | 849 | 864 | 879 | 894 | 909 | 924 | |
| 288 | | 939 | 954 | 969 | 984 | *000 | *015 | *030 | *045 | *060 | *075 | |
| 289 | 46 | 090 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | |
| 290 | | 240 | 255 | 270 | 285 | 300 | 315 | 330 | 345 | 359 | 374 | 10 1 1,0 2 2,0 3 3,0 4 4,0 5 5,0 6 6,0 7 7,0 8 8,0 9 9,0 |
| 291 | | 389 | 404 | 419 | 434 | 449 | 464 | 479 | 494 | 509 | 523 | |
| 292 | | 538 | 553 | 568 | 583 | 598 | 613 | 627 | 642 | 657 | 672 | |
| 293 | | 687 | 702 | 716 | 731 | 746 | 761 | 776 | 790 | 805 | 820 | |
| 294 | | 835 | 850 | 864 | 879 | 894 | 909 | 923 | 938 | 953 | 967 | |
| 295 | | 982 | 997 | *012 | *026 | *041 | *056 | *070 | *085 | *100 | *114 | 9 1 0,9 2 1,8 3 2,7 4 3,6 5 4,5 6 5,4 7 6,3 8 7,2 9 8,1 |
| 296 | 47 | 129 | 144 | 159 | 173 | 188 | 202 | 217 | 232 | 246 | 261 | |
| 297 | | 276 | 290 | 305 | 319 | 334 | 349 | 363 | 378 | 392 | 407 | |
| 298 | | 422 | 436 | 451 | 465 | 480 | 494 | 509 | 524 | 538 | 553 | |
| 299 | | 567 | 582 | 596 | 611 | 625 | 640 | 654 | 669 | 683 | 698 | |
| 300 | | 712 | 727 | 741 | 756 | 770 | 784 | 799 | 813 | 828 | 842 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|----|-----|------|------|------|------|------|------|------|------|------|--|---|
| 300 | 47 | 712 | 727 | 741 | 756 | 770 | 784 | 799 | 813 | 828 | 842 | <p style="text-align: center;">15</p> <p>1 1,5 2 3,0 3 4,5 4 6,0 5 7,5 6 9,0 7 10,5 8 12,0 9 13,5</p> | |
| 301 | | 857 | 871 | 885 | 900 | 914 | 929 | 943 | 958 | 972 | 986 | | |
| 302 | 48 | 001 | 015 | 029 | 044 | 058 | 073 | 087 | 101 | 116 | 130 | | |
| 303 | | 144 | 159 | 173 | 187 | 202 | 216 | 230 | 244 | 259 | 273 | | |
| 304 | | 287 | 302 | 316 | 330 | 344 | 359 | 373 | 387 | 401 | 416 | | |
| 305 | | 430 | 444 | 458 | 473 | 487 | 501 | 515 | 530 | 544 | 558 | | |
| 306 | | 572 | 586 | 601 | 615 | 629 | 643 | 657 | 671 | 686 | 700 | | |
| 307 | | 714 | 728 | 742 | 756 | 770 | 785 | 799 | 813 | 827 | 841 | | |
| 308 | | 855 | 869 | 883 | 897 | 911 | 926 | 940 | 954 | 968 | 982 | | |
| 309 | | 996 | *010 | *024 | *038 | *052 | *066 | *080 | *094 | *108 | *122 | | |
| 310 | 49 | 136 | 150 | 164 | 178 | 192 | 206 | 220 | 234 | 248 | 262 | | <p style="text-align: center;">14</p> <p>1 1,4 2 2,8 3 4,2 4 5,6 5 7,0 6 8,4 7 9,8 8 11,2 9 12,6</p> |
| 311 | | 276 | 290 | 304 | 318 | 332 | 346 | 360 | 374 | 388 | 402 | | |
| 312 | | 415 | 429 | 443 | 457 | 471 | 485 | 499 | 513 | 527 | 541 | | |
| 313 | | 554 | 568 | 582 | 596 | 610 | 624 | 638 | 651 | 665 | 679 | | |
| 314 | | 693 | 707 | 721 | 734 | 748 | 762 | 776 | 790 | 803 | 817 | | |
| 315 | | 831 | 845 | 859 | 872 | 886 | 900 | 914 | 927 | 941 | 955 | | |
| 316 | | 969 | 982 | 996 | *010 | *024 | *037 | *051 | *065 | *079 | *092 | | |
| 317 | 50 | 106 | 120 | 133 | 147 | 161 | 174 | 188 | 202 | 215 | 229 | | |
| 318 | | 243 | 256 | 270 | 284 | 297 | 311 | 325 | 338 | 352 | 365 | | |
| 319 | | 379 | 393 | 406 | 420 | 433 | 447 | 461 | 474 | 488 | 501 | | |
| 320 | | 515 | 529 | 542 | 556 | 569 | 583 | 596 | 610 | 623 | 637 | <p style="text-align: center;">13</p> <p>1 1,3 2 2,6 3 3,9 4 5,2 5 6,5 6 7,7 7 9,1 8 10,4 9 11,7</p> | |
| 321 | | 651 | 664 | 678 | 691 | 705 | 718 | 732 | 745 | 759 | 772 | | |
| 322 | | 786 | 799 | 813 | 826 | 840 | 853 | 866 | 880 | 893 | 907 | | |
| 323 | | 920 | 934 | 947 | 961 | 974 | 987 | *001 | *014 | *028 | *041 | | |
| 324 | 51 | 055 | 068 | 081 | 095 | 108 | 121 | 135 | 148 | 162 | 175 | | |
| 325 | | 188 | 202 | 215 | 228 | 242 | 255 | 268 | 282 | 295 | 308 | | |
| 326 | | 322 | 335 | 348 | 362 | 375 | 388 | 402 | 415 | 428 | 441 | | |
| 327 | | 455 | 468 | 481 | 495 | 508 | 521 | 534 | 548 | 561 | 574 | | |
| 328 | | 587 | 601 | 614 | 627 | 640 | 654 | 667 | 680 | 693 | 706 | | |
| 329 | | 720 | 733 | 746 | 759 | 772 | 786 | 799 | 812 | 825 | 838 | | |
| 330 | | 851 | 865 | 878 | 891 | 904 | 917 | 930 | 943 | 957 | 970 | | <p style="text-align: center;">12</p> <p>1 1,2 2 2,4 3 3,6 4 5,0 5 6,5 6 7,7 7 9,1 8 10,4 9 11,7</p> |
| 331 | | 983 | 996 | *009 | *022 | *035 | *048 | *061 | *075 | *088 | *101 | | |
| 332 | 52 | 114 | 127 | 140 | 153 | 166 | 179 | 192 | 205 | 218 | 231 | | |
| 333 | | 244 | 257 | 270 | 284 | 297 | 310 | 323 | 336 | 349 | 362 | | |
| 334 | | 375 | 388 | 401 | 414 | 427 | 440 | 453 | 466 | 479 | 492 | | |
| 335 | | 504 | 517 | 530 | 543 | 556 | 569 | 582 | 595 | 608 | 621 | | |
| 336 | | 634 | 647 | 660 | 673 | 686 | 699 | 711 | 724 | 737 | 750 | | |
| 337 | | 763 | 776 | 789 | 802 | 815 | 827 | 840 | 853 | 866 | 879 | | |
| 338 | | 892 | 905 | 917 | 930 | 943 | 956 | 969 | 982 | 994 | *007 | | |
| 339 | 53 | 020 | 033 | 046 | 058 | 071 | 084 | 097 | 110 | 122 | 135 | | |
| 340 | | 148 | 161 | 173 | 186 | 199 | 212 | 224 | 237 | 250 | 263 | <p style="text-align: center;">11</p> <p>1 1,2 2 2,4 3 3,6 4 4,8 5 6,0 6 7,2 7 8,4 8 9,6 9 10,8</p> | |
| 341 | | 275 | 288 | 301 | 314 | 326 | 339 | 352 | 364 | 377 | 390 | | |
| 342 | | 403 | 415 | 428 | 441 | 453 | 466 | 479 | 491 | 504 | 517 | | |
| 343 | | 529 | 542 | 555 | 567 | 580 | 593 | 605 | 618 | 631 | 643 | | |
| 344 | | 656 | 668 | 681 | 694 | 706 | 719 | 732 | 744 | 757 | 769 | | |
| 345 | | 782 | 794 | 807 | 820 | 832 | 845 | 857 | 870 | 882 | 895 | | |
| 346 | | 908 | 920 | 933 | 945 | 958 | 970 | 983 | 995 | *008 | *020 | | |
| 347 | 54 | 033 | 045 | 058 | 070 | 083 | 095 | 108 | 120 | 133 | 145 | | |
| 348 | | 158 | 170 | 183 | 195 | 208 | 220 | 233 | 245 | 258 | 270 | | |
| 349 | | 283 | 295 | 307 | 320 | 332 | 345 | 357 | 370 | 382 | 394 | | |
| 350 | | 407 | 419 | 432 | 444 | 456 | 469 | 481 | 494 | 506 | 518 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|----|-----|------|------|------|------|------|------|------|------|------|-----------|---------|
| 350 | 54 | 497 | 419 | 432 | 444 | 456 | 469 | 481 | 494 | 506 | 518 | 13 | |
| 351 | | 531 | 543 | 555 | 568 | 580 | 593 | 605 | 617 | 630 | 642 | | 1 1,3 |
| 352 | | 654 | 667 | 679 | 691 | 704 | 716 | 728 | 741 | 753 | 765 | | 2 2,6 |
| 353 | | 777 | 790 | 802 | 814 | 827 | 839 | 851 | 864 | 876 | 888 | | 3 3,9 |
| 354 | | 900 | 913 | 925 | 937 | 949 | 962 | 974 | 986 | 998 | *011 | | 4 5,2 |
| 355 | 55 | 023 | 035 | 047 | 060 | 072 | 084 | 096 | 108 | 121 | 133 | 5 6,5 | |
| 356 | | 145 | 157 | 169 | 182 | 194 | 206 | 218 | 230 | 242 | 255 | 6 7,8 | |
| 357 | | 267 | 279 | 291 | 303 | 315 | 328 | 340 | 352 | 364 | 376 | 7 9,1 | |
| 358 | | 388 | 400 | 413 | 425 | 437 | 449 | 461 | 473 | 485 | 497 | 8 10,4 | |
| 359 | | 509 | 522 | 534 | 546 | 558 | 570 | 582 | 594 | 606 | 618 | 9 11,7 | |
| 360 | | 630 | 642 | 654 | 666 | 678 | 691 | 703 | 715 | 727 | 739 | 12 | |
| 361 | | 751 | 763 | 775 | 787 | 799 | 811 | 823 | 835 | 847 | 859 | | 1 1,2 |
| 362 | | 871 | 883 | 895 | 907 | 919 | 931 | 943 | 955 | 967 | 979 | | 2 2,4 |
| 363 | | 991 | *003 | *015 | *027 | *038 | *050 | *062 | *074 | *086 | *098 | | 3 3,6 |
| 364 | 56 | 110 | 122 | 134 | 146 | 158 | 170 | 182 | 194 | 205 | 217 | | 4 4,8 |
| 365 | | 229 | 241 | 253 | 265 | 277 | 289 | 301 | 312 | 324 | 336 | 5 6,0 | |
| 366 | | 348 | 360 | 372 | 384 | 396 | 407 | 419 | 431 | 443 | 455 | 6 7,2 | |
| 367 | | 467 | 478 | 490 | 502 | 514 | 526 | 538 | 549 | 561 | 573 | 7 8,4 | |
| 368 | | 585 | 597 | 608 | 620 | 632 | 644 | 656 | 667 | 679 | 691 | 8 9,6 | |
| 369 | | 703 | 714 | 726 | 738 | 750 | 761 | 773 | 785 | 797 | 808 | 9 10,8 | |
| 370 | | 820 | 832 | 844 | 855 | 867 | 879 | 891 | 902 | 914 | 926 | 11 | |
| 371 | | 937 | 949 | 961 | 972 | 984 | 996 | *008 | *019 | *031 | *043 | | 1 1,1 |
| 372 | 57 | 054 | 066 | 078 | 089 | 101 | 113 | 124 | 136 | 148 | 159 | | 2 2,2 |
| 373 | | 171 | 183 | 194 | 206 | 217 | 229 | 241 | 252 | 264 | 276 | | 3 3,3 |
| 374 | | 287 | 299 | 310 | 322 | 334 | 345 | 357 | 368 | 380 | 392 | | 4 4,4 |
| 375 | | 403 | 415 | 426 | 438 | 449 | 461 | 473 | 484 | 496 | 507 | 5 5,5 | |
| 376 | | 519 | 530 | 542 | 553 | 565 | 576 | 588 | 600 | 611 | 623 | 6 6,6 | |
| 377 | | 634 | 646 | 657 | 669 | 680 | 692 | 703 | 715 | 726 | 738 | 7 7,7 | |
| 378 | | 749 | 761 | 772 | 784 | 795 | 807 | 818 | 830 | 841 | 852 | 8 8,8 | |
| 379 | | 864 | 875 | 887 | 898 | 910 | 921 | 933 | 944 | 955 | 967 | 9 9,9 | |
| 380 | | 978 | 990 | *001 | *013 | *024 | *035 | *047 | *058 | *070 | *081 | 10 | |
| 381 | 58 | 092 | 104 | 115 | 127 | 138 | 149 | 161 | 172 | 184 | 195 | | 1 1,0 |
| 382 | | 206 | 218 | 229 | 240 | 252 | 263 | 274 | 286 | 297 | 309 | | 2 2,0 |
| 383 | | 320 | 331 | 343 | 354 | 365 | 377 | 388 | 399 | 410 | 422 | | 3 3,0 |
| 384 | | 433 | 444 | 456 | 467 | 478 | 490 | 501 | 512 | 524 | 535 | | 4 4,0 |
| 385 | | 546 | 557 | 569 | 580 | 591 | 602 | 614 | 625 | 636 | 647 | 5 5,0 | |
| 386 | | 659 | 670 | 681 | 692 | 704 | 715 | 726 | 737 | 749 | 760 | 6 6,0 | |
| 387 | | 771 | 782 | 794 | 805 | 816 | 827 | 838 | 850 | 861 | 872 | 7 7,0 | |
| 388 | | 883 | 894 | 906 | 917 | 928 | 939 | 950 | 961 | 973 | 984 | 8 8,0 | |
| 389 | | 995 | *006 | *017 | *028 | *040 | *051 | *062 | *073 | *084 | *095 | 9 9,0 | |
| 390 | 59 | 106 | 118 | 129 | 140 | 151 | 162 | 173 | 184 | 195 | 207 | 9 | |
| 391 | | 218 | 229 | 240 | 251 | 262 | 273 | 284 | 295 | 306 | 318 | | 1 1,0 |
| 392 | | 329 | 340 | 351 | 362 | 373 | 384 | 395 | 406 | 417 | 428 | | 2 2,0 |
| 393 | | 439 | 450 | 461 | 472 | 483 | 494 | 506 | 517 | 528 | 539 | | 3 3,0 |
| 394 | | 550 | 561 | 572 | 583 | 594 | 605 | 616 | 627 | 638 | 649 | | 4 4,0 |
| 395 | | 660 | 671 | 682 | 693 | 704 | 715 | 726 | 737 | 748 | 759 | 5 5,0 | |
| 396 | | 770 | 780 | 791 | 802 | 813 | 824 | 835 | 846 | 857 | 868 | 6 6,0 | |
| 397 | | 879 | 890 | 901 | 912 | 923 | 934 | 945 | 956 | 966 | 977 | 7 7,0 | |
| 398 | | 988 | 999 | *010 | *021 | *032 | *043 | *054 | *065 | *076 | *086 | 8 8,0 | |
| 399 | 60 | 097 | 108 | 119 | 130 | 141 | 152 | 163 | 173 | 184 | 195 | 9 9,0 | |
| 400 | | 206 | 217 | 228 | 239 | 249 | 260 | 271 | 282 | 293 | 304 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|-----|-----|-----|-----|------|------|------|------|------|------|-----------|
| 400 | 60 | 206 | 217 | 228 | 239 | 249 | 260 | 271 | 282 | 293 | 304 | |
| 401 | | 314 | 325 | 336 | 347 | 358 | 369 | 379 | 390 | 401 | 412 | |
| 402 | | 423 | 433 | 444 | 455 | 466 | 477 | 487 | 498 | 509 | 520 | |
| 403 | | 531 | 541 | 552 | 563 | 574 | 584 | 595 | 606 | 617 | 627 | |
| 404 | | 638 | 649 | 660 | 670 | 681 | 692 | 703 | 713 | 724 | 735 | |
| 405 | | 746 | 756 | 767 | 778 | 788 | 799 | 810 | 821 | 831 | 842 | |
| 406 | | 853 | 863 | 874 | 885 | 895 | 906 | 917 | 927 | 938 | 949 | 11 |
| 407 | | 959 | 970 | 981 | 991 | *002 | *013 | *023 | *034 | *045 | *055 | 1 1,1 |
| 408 | 61 | 066 | 077 | 087 | 098 | 109 | 119 | 130 | 140 | 151 | 162 | 2 2,2 |
| 409 | | 172 | 183 | 194 | 204 | 215 | 225 | 236 | 247 | 257 | 268 | 3 3,3 |
| 410 | | 278 | 289 | 300 | 310 | 321 | 331 | 342 | 352 | 363 | 374 | 4 4,4 |
| 411 | | 384 | 395 | 405 | 416 | 426 | 437 | 448 | 458 | 469 | 479 | 5 5,5 |
| 412 | | 490 | 500 | 511 | 521 | 532 | 542 | 553 | 563 | 574 | 584 | 6 6,6 |
| 413 | | 595 | 606 | 616 | 627 | 637 | 648 | 658 | 669 | 679 | 690 | 7 7,7 |
| 414 | | 700 | 711 | 721 | 731 | 742 | 752 | 763 | 773 | 784 | 794 | 8 8,8 |
| 415 | | 805 | 815 | 826 | 836 | 847 | 857 | 868 | 878 | 888 | 899 | 9 9,9 |
| 416 | | 909 | 920 | 930 | 941 | 951 | 962 | 972 | 982 | 993 | *003 | |
| 417 | 62 | 014 | 024 | 034 | 045 | 055 | 066 | 076 | 086 | 097 | 107 | |
| 418 | | 118 | 128 | 138 | 149 | 159 | 170 | 180 | 190 | 201 | 211 | |
| 419 | | 221 | 232 | 242 | 252 | 263 | 273 | 284 | 294 | 304 | 315 | |
| 420 | | 325 | 335 | 346 | 356 | 366 | 377 | 387 | 397 | 408 | 418 | 10 |
| 421 | | 428 | 439 | 449 | 459 | 469 | 480 | 490 | 500 | 511 | 521 | 1 1,0 |
| 422 | | 531 | 542 | 552 | 562 | 572 | 583 | 593 | 603 | 613 | 624 | 2 2,0 |
| 423 | | 634 | 644 | 655 | 665 | 675 | 685 | 696 | 706 | 716 | 726 | 3 3,0 |
| 424 | | 737 | 747 | 757 | 767 | 778 | 788 | 798 | 808 | 818 | 829 | 4 4,0 |
| 425 | | 839 | 849 | 859 | 870 | 880 | 890 | 900 | 910 | 921 | 931 | 5 5,0 |
| 426 | | 941 | 951 | 961 | 972 | 982 | 992 | *002 | *012 | *022 | *033 | 6 6,0 |
| 427 | 63 | 043 | 053 | 063 | 073 | 083 | 094 | 104 | 114 | 124 | 134 | 7 7,0 |
| 428 | | 144 | 155 | 165 | 175 | 185 | 195 | 205 | 215 | 225 | 236 | 8 8,0 |
| 429 | | 246 | 256 | 266 | 276 | 286 | 296 | 306 | 317 | 327 | 337 | 9 9,0 |
| 430 | | 347 | 357 | 367 | 377 | 387 | 397 | 407 | 417 | 428 | 438 | |
| 431 | | 448 | 458 | 468 | 478 | 488 | 498 | 508 | 518 | 528 | 538 | |
| 432 | | 548 | 558 | 568 | 579 | 589 | 599 | 609 | 619 | 629 | 639 | |
| 433 | | 649 | 659 | 669 | 679 | 689 | 699 | 709 | 719 | 729 | 739 | |
| 434 | | 749 | 759 | 769 | 779 | 789 | 799 | 809 | 819 | 829 | 839 | |
| 435 | | 849 | 859 | 869 | 879 | 889 | 899 | 909 | 919 | 929 | 939 | 9 |
| 436 | | 949 | 959 | 969 | 979 | 988 | 998 | *008 | *018 | *028 | *038 | 1 10,9 |
| 437 | 64 | 048 | 058 | 068 | 078 | 088 | 098 | 108 | 118 | 128 | 137 | 2 1,8 |
| 438 | | 147 | 157 | 167 | 177 | 187 | 197 | 207 | 217 | 227 | 237 | 3 2,7 |
| 439 | | 246 | 256 | 266 | 276 | 286 | 296 | 306 | 316 | 326 | 335 | 4 3,6 |
| 440 | | 345 | 355 | 365 | 375 | 385 | 395 | 404 | 414 | 424 | 434 | 5 4,5 |
| 441 | | 444 | 454 | 464 | 473 | 483 | 493 | 503 | 513 | 523 | 532 | 6 5,4 |
| 442 | | 542 | 552 | 562 | 572 | 582 | 591 | 601 | 611 | 621 | 631 | 7 6,3 |
| 443 | | 640 | 650 | 660 | 670 | 680 | 689 | 699 | 709 | 719 | 729 | 8 7,2 |
| 444 | | 738 | 748 | 758 | 768 | 777 | 787 | 797 | 807 | 816 | 826 | 9 8,1 |
| 445 | | 836 | 846 | 856 | 865 | 875 | 885 | 895 | 904 | 914 | 924 | |
| 446 | | 933 | 943 | 953 | 963 | 972 | 982 | 992 | *002 | *011 | *021 | |
| 447 | 65 | 031 | 040 | 050 | 060 | 070 | 079 | 089 | 099 | 108 | 118 | |
| 448 | | 128 | 137 | 147 | 157 | 167 | 176 | 186 | 196 | 205 | 215 | |
| 449 | | 225 | 234 | 244 | 254 | 263 | 273 | 283 | 292 | 302 | 312 | |
| 450 | | 321 | 331 | 341 | 350 | 360 | 369 | 379 | 389 | 398 | 408 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|-----|------|------|------|------|------|------|------|------|------|---|
| 450 | 65 | 321 | 331 | 341 | 350 | 360 | 369 | 379 | 389 | 398 | 408 | <p>10</p> <p>1 1,0 2 2,0 3 3,0 4 4,0 5 5,0 6 6,0 7 7,0 8 8,0 9 9,0</p> <p>9</p> <p>1 0,9 2 1,8 3 2,7 4 3,6 5 4,5 6 5,4 7 6,3 8 7,2 9 8,1</p> <p>8</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> |
| 451 | | 418 | 427 | 437 | 447 | 456 | 466 | 475 | 485 | 495 | 504 | |
| 452 | | 514 | 523 | 533 | 543 | 552 | 562 | 571 | 581 | 591 | 600 | |
| 453 | | 610 | 619 | 629 | 639 | 648 | 658 | 667 | 677 | 686 | 696 | |
| 454 | | 706 | 715 | 725 | 734 | 744 | 753 | 763 | 772 | 782 | 792 | |
| 455 | | 801 | 811 | 820 | 830 | 839 | 849 | 858 | 868 | 877 | 887 | |
| 456 | | 896 | 906 | 916 | 925 | 935 | 944 | 954 | 963 | 973 | 982 | |
| 457 | | 992 | *001 | *011 | *020 | *030 | *039 | *049 | *058 | *068 | *077 | |
| 458 | 66 | 087 | 096 | 106 | 115 | 124 | 134 | 143 | 153 | 162 | 172 | |
| 459 | | 181 | 191 | 200 | 210 | 219 | 229 | 238 | 247 | 257 | 266 | |
| 460 | | 276 | 285 | 295 | 304 | 314 | 323 | 332 | 342 | 351 | 361 | |
| 461 | | 370 | 380 | 389 | 398 | 408 | 417 | 427 | 436 | 445 | 455 | |
| 462 | | 464 | 474 | 483 | 492 | 502 | 511 | 521 | 530 | 539 | 549 | |
| 463 | | 558 | 567 | 577 | 586 | 596 | 605 | 614 | 624 | 633 | 642 | |
| 464 | | 652 | 661 | 671 | 680 | 689 | 699 | 708 | 717 | 727 | 736 | |
| 465 | | 745 | 755 | 764 | 773 | 783 | 792 | 801 | 811 | 820 | 829 | |
| 466 | | 839 | 848 | 857 | 867 | 876 | 885 | 894 | 904 | 913 | 922 | |
| 467 | | 932 | 941 | 950 | 960 | 969 | 978 | 987 | 997 | *006 | *015 | |
| 468 | 67 | 025 | 034 | 043 | 052 | 062 | 071 | 080 | 089 | 099 | 108 | |
| 469 | | 117 | 127 | 136 | 145 | 154 | 164 | 173 | 182 | 191 | 201 | |
| 470 | | 210 | 219 | 228 | 237 | 247 | 256 | 265 | 274 | 284 | 293 | |
| 471 | | 302 | 311 | 321 | 330 | 339 | 348 | 357 | 367 | 376 | 385 | |
| 472 | | 394 | 403 | 413 | 422 | 431 | 440 | 449 | 459 | 468 | 477 | |
| 473 | | 486 | 495 | 504 | 514 | 523 | 532 | 541 | 550 | 560 | 569 | |
| 474 | | 578 | 587 | 596 | 605 | 614 | 624 | 633 | 642 | 651 | 660 | |
| 475 | | 669 | 679 | 688 | 697 | 706 | 715 | 724 | 733 | 742 | 752 | |
| 476 | | 761 | 770 | 779 | 788 | 797 | 806 | 815 | 825 | 834 | 843 | |
| 477 | | 852 | 861 | 870 | 879 | 888 | 897 | 906 | 916 | 925 | 934 | |
| 478 | | 943 | 952 | 961 | 970 | 979 | 988 | 997 | *006 | *015 | *024 | |
| 479 | 68 | 034 | 043 | 052 | 061 | 070 | 079 | 088 | 097 | 106 | 115 | |
| 480 | | 124 | 133 | 142 | 151 | 160 | 169 | 178 | 187 | 196 | 205 | |
| 481 | | 215 | 224 | 233 | 242 | 251 | 260 | 269 | 278 | 287 | 296 | |
| 482 | | 305 | 314 | 323 | 332 | 341 | 350 | 359 | 368 | 377 | 386 | |
| 483 | | 395 | 404 | 413 | 422 | 431 | 440 | 449 | 458 | 467 | 476 | |
| 484 | | 485 | 494 | 502 | 511 | 520 | 529 | 538 | 547 | 556 | 565 | |
| 485 | | 574 | 583 | 592 | 601 | 610 | 619 | 628 | 637 | 646 | 655 | |
| 486 | | 664 | 673 | 681 | 690 | 699 | 708 | 717 | 726 | 735 | 744 | |
| 487 | | 753 | 762 | 771 | 780 | 789 | 797 | 806 | 815 | 824 | 833 | |
| 488 | | 842 | 851 | 860 | 869 | 878 | 886 | 895 | 904 | 913 | 922 | |
| 489 | | 931 | 940 | 949 | 958 | 966 | 975 | 984 | 993 | *002 | *011 | |
| 490 | 69 | 020 | 028 | 037 | 046 | 055 | 064 | 073 | 082 | 090 | 099 | |
| 491 | | 108 | 117 | 126 | 135 | 144 | 152 | 161 | 170 | 179 | 188 | |
| 492 | | 197 | 205 | 214 | 223 | 232 | 241 | 249 | 258 | 267 | 276 | |
| 493 | | 285 | 294 | 302 | 311 | 320 | 329 | 338 | 346 | 355 | 364 | |
| 494 | | 373 | 381 | 390 | 399 | 408 | 417 | 425 | 434 | 443 | 452 | |
| 495 | | 461 | 469 | 478 | 487 | 496 | 504 | 513 | 522 | 531 | 539 | |
| 496 | | 548 | 557 | 566 | 574 | 583 | 592 | 601 | 609 | 618 | 627 | |
| 497 | | 636 | 644 | 653 | 662 | 671 | 679 | 688 | 697 | 705 | 714 | |
| 498 | | 723 | 732 | 740 | 749 | 758 | 767 | 775 | 784 | 793 | 801 | |
| 499 | | 810 | 819 | 827 | 836 | 845 | 854 | 862 | 871 | 880 | 888 | |
| 500 | | 897 | 906 | 914 | 923 | 932 | 940 | 949 | 958 | 966 | 975 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--------------|
| 500 | 69 | 897 | 906 | 914 | 923 | 932 | 940 | 949 | 958 | 966 | 975 | <p style="text-align: center;">9</p> <p>1 0,9 2 1,8 3 2,7 4 3,6 5 4,5 6 5,4 7 6,3 8 7,2 9 8,1</p> | |
| 501 | | 984 | 992 | *001 | *010 | *018 | *027 | *036 | *044 | *053 | *062 | | |
| 502 | 70 | 070 | 079 | 088 | 096 | 105 | 114 | 122 | 131 | 140 | 148 | | |
| 503 | | 157 | 165 | 174 | 183 | 191 | 200 | 209 | 217 | 226 | 234 | | |
| 504 | | 243 | 252 | 260 | 269 | 278 | 286 | 295 | 303 | 312 | 321 | | |
| 505 | | 329 | 338 | 346 | 355 | 364 | 372 | 381 | 389 | 398 | 406 | | |
| 506 | | 415 | 424 | 432 | 441 | 449 | 458 | 467 | 475 | 484 | 492 | | |
| 507 | | 501 | 509 | 518 | 526 | 535 | 544 | 552 | 561 | 569 | 578 | | |
| 508 | | 586 | 595 | 603 | 612 | 621 | 629 | 638 | 646 | 655 | 663 | | |
| 509 | | 672 | 680 | 689 | 697 | 706 | 714 | 723 | 731 | 740 | 749 | | |
| 510 | | 757 | 766 | 774 | 783 | 791 | 800 | 808 | 817 | 825 | 834 | | |
| 511 | | 842 | 851 | 859 | 868 | 876 | 885 | 893 | 902 | 910 | 919 | | |
| 512 | | 927 | 935 | 944 | 952 | 961 | 969 | 978 | 986 | 995 | *003 | | |
| 513 | 71 | 012 | 020 | 029 | 037 | 046 | 054 | 063 | 071 | 079 | 088 | | |
| 514 | | 096 | 105 | 113 | 122 | 130 | 139 | 147 | 155 | 164 | 172 | | |
| 515 | | 181 | 189 | 198 | 206 | 214 | 223 | 231 | 240 | 248 | 257 | | |
| 516 | | 265 | 273 | 282 | 290 | 299 | 307 | 315 | 324 | 332 | 341 | | |
| 517 | | 349 | 357 | 366 | 374 | 383 | 391 | 399 | 408 | 416 | 425 | | |
| 518 | | 433 | 441 | 450 | 458 | 466 | 475 | 483 | 492 | 500 | 508 | | |
| 519 | | 517 | 525 | 533 | 542 | 550 | 559 | 567 | 575 | 584 | 592 | | |
| 520 | | 600 | 609 | 617 | 625 | 634 | 642 | 650 | 659 | 667 | 675 | <p style="text-align: center;">8</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> | |
| 521 | | 684 | 692 | 700 | 709 | 717 | 725 | 734 | 742 | 750 | 759 | | |
| 522 | | 767 | 775 | 784 | 792 | 800 | 809 | 817 | 825 | 834 | 842 | | |
| 523 | | 850 | 858 | 867 | 875 | 883 | 892 | 900 | 908 | 917 | 925 | | |
| 524 | | 933 | 941 | 950 | 958 | 966 | 975 | 983 | 991 | 999 | *008 | | |
| 525 | 72 | 016 | 024 | 032 | 041 | 049 | 057 | 066 | 074 | 082 | 090 | | |
| 526 | | 099 | 107 | 115 | 123 | 132 | 140 | 148 | 156 | 165 | 173 | | |
| 527 | | 181 | 189 | 198 | 206 | 214 | 222 | 230 | 239 | 247 | 255 | | |
| 528 | | 263 | 272 | 280 | 288 | 296 | 304 | 313 | 321 | 329 | 337 | | |
| 529 | | 346 | 354 | 362 | 370 | 378 | 387 | 395 | 403 | 411 | 419 | | |
| 530 | | 428 | 436 | 444 | 452 | 460 | 469 | 477 | 485 | 493 | 501 | | |
| 531 | | 509 | 518 | 526 | 534 | 542 | 550 | 558 | 567 | 575 | 583 | | |
| 532 | | 591 | 599 | 607 | 616 | 624 | 632 | 640 | 648 | 656 | 665 | | |
| 533 | | 673 | 681 | 689 | 697 | 705 | 713 | 722 | 730 | 738 | 746 | | |
| 534 | | 754 | 762 | 770 | 779 | 787 | 795 | 803 | 811 | 819 | 827 | | |
| 535 | | 835 | 843 | 852 | 860 | 868 | 876 | 884 | 892 | 900 | 908 | | |
| 536 | | 916 | 925 | 933 | 941 | 949 | 957 | 965 | 973 | 981 | 989 | | |
| 537 | | 997 | *006 | *014 | *022 | *030 | *038 | *046 | *054 | *062 | *070 | | |
| 538 | 73 | 078 | 086 | 094 | 102 | 111 | 119 | 127 | 135 | 143 | 151 | | |
| 539 | | 159 | 167 | 175 | 183 | 191 | 199 | 207 | 215 | 223 | 231 | | |
| 540 | | 239 | 247 | 255 | 263 | 272 | 280 | 288 | 296 | 304 | 312 | <p style="text-align: center;">7</p> <p>1 0,7 2 1,4 3 2,1 4 2,8 5 3,5 6 4,2 7 4,9 8 5,6 9 6,3</p> | |
| 541 | | 320 | 328 | 336 | 344 | 352 | 360 | 368 | 376 | 384 | 392 | | |
| 542 | | 400 | 408 | 416 | 424 | 432 | 440 | 448 | 456 | 464 | 472 | | |
| 543 | | 480 | 488 | 496 | 504 | 512 | 520 | 528 | 536 | 544 | 552 | | |
| 544 | | 560 | 568 | 576 | 584 | 592 | 600 | 608 | 616 | 624 | 632 | | |
| 545 | | 640 | 648 | 656 | 664 | 672 | 679 | 687 | 695 | 703 | 711 | | |
| 546 | | 719 | 727 | 735 | 743 | 751 | 759 | 767 | 775 | 783 | 791 | | |
| 547 | | 799 | 807 | 815 | 823 | 830 | 838 | 846 | 854 | 862 | 870 | | |
| 548 | | 878 | 886 | 894 | 902 | 910 | 918 | 926 | 933 | 941 | 949 | | |
| 549 | | 957 | 965 | 973 | 981 | 989 | 997 | *005 | *013 | *020 | *028 | | |
| 550 | | 74 | 036 | 044 | 052 | 060 | 068 | 076 | 084 | 092 | 107 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|-----|-----|-----|-----|------|-----|------|------|------|------|------|--|--|
| 550 | 74 | 036 | 044 | 052 | 060 | 068 | 076 | 084 | 092 | 099 | 107 | <p style="text-align: center;">3</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> | |
| 551 | | 115 | 123 | 131 | 139 | 147 | 155 | 162 | 170 | 178 | 186 | | |
| 552 | | 194 | 202 | 210 | 218 | 225 | 233 | 241 | 249 | 257 | 265 | | |
| 553 | | 273 | 280 | 288 | 296 | 304 | 312 | 320 | 327 | 335 | 343 | | |
| 554 | | 351 | 359 | 367 | 374 | 382 | 390 | 398 | 406 | 414 | 421 | | |
| 555 | 429 | 437 | 445 | 453 | 461 | | 468 | 476 | 484 | 492 | 500 | | |
| 556 | 507 | 515 | 523 | 531 | 539 | | 547 | 554 | 562 | 570 | 578 | | |
| 557 | 586 | 593 | 601 | 609 | 617 | | 624 | 632 | 640 | 648 | 656 | | |
| 558 | 663 | 671 | 679 | 687 | 695 | | 702 | 710 | 718 | 726 | 733 | | |
| 559 | 741 | 749 | 757 | 764 | 772 | | 780 | 788 | 796 | 803 | 811 | | |
| 560 | 819 | 827 | 834 | 842 | 850 | | 858 | 865 | 873 | 881 | 889 | | <p style="text-align: center;">7</p> <p>1 0,7 2 1,4 3 2,1 4 2,8 5 3,5 6 4,2 7 4,9 8 5,6 9 6,3</p> |
| 561 | 896 | 904 | 912 | 920 | 927 | | 935 | 943 | 950 | 958 | 966 | | |
| 562 | 974 | 981 | 989 | 997 | *005 | | *012 | *020 | *028 | *035 | *043 | | |
| 563 | 75 | 051 | 059 | 066 | 074 | 082 | 089 | 097 | 105 | 113 | 120 | | |
| 564 | 128 | 136 | 143 | 151 | 159 | | 166 | 174 | 182 | 189 | 197 | | |
| 565 | 205 | 213 | 220 | 228 | 236 | | 243 | 251 | 259 | 266 | 274 | | |
| 566 | 282 | 289 | 297 | 305 | 312 | | 320 | 328 | 335 | 343 | 351 | | |
| 567 | 358 | 366 | 374 | 381 | 389 | | 397 | 404 | 412 | 420 | 427 | | |
| 568 | 435 | 442 | 450 | 458 | 465 | | 473 | 481 | 488 | 496 | 504 | | |
| 569 | 511 | 519 | 526 | 534 | 542 | | 549 | 557 | 565 | 572 | 580 | | |
| 570 | 587 | 595 | 603 | 610 | 618 | | 626 | 633 | 641 | 648 | 656 | <p style="text-align: center;">3</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> | |
| 571 | 664 | 671 | 679 | 686 | 694 | | 702 | 709 | 717 | 724 | 732 | | |
| 572 | 740 | 747 | 755 | 762 | 770 | | 778 | 785 | 793 | 800 | 808 | | |
| 573 | 815 | 823 | 831 | 838 | 846 | | 853 | 861 | 868 | 876 | 884 | | |
| 574 | 891 | 899 | 906 | 914 | 921 | | 929 | 937 | 944 | 952 | 959 | | |
| 575 | 967 | 974 | 982 | 989 | 997 | | *005 | *012 | *020 | *027 | *035 | | |
| 576 | 76 | 042 | 050 | 057 | 065 | 072 | 080 | 087 | 095 | 103 | 110 | | |
| 577 | 118 | 125 | 133 | 140 | 148 | | 155 | 163 | 170 | 178 | 185 | | |
| 578 | 193 | 200 | 208 | 215 | 223 | | 230 | 238 | 245 | 253 | 260 | | |
| 579 | 268 | 275 | 283 | 290 | 298 | | 305 | 313 | 320 | 328 | 335 | | |
| 580 | 343 | 350 | 358 | 365 | 373 | | 380 | 388 | 395 | 403 | 410 | | <p style="text-align: center;">7</p> <p>1 0,7 2 1,4 3 2,1 4 2,8 5 3,5 6 4,2 7 4,9 8 5,6 9 6,3</p> |
| 581 | 418 | 425 | 433 | 440 | 448 | | 455 | 462 | 470 | 477 | 485 | | |
| 582 | 492 | 500 | 507 | 515 | 522 | | 530 | 537 | 545 | 552 | 559 | | |
| 583 | 567 | 574 | 582 | 589 | 597 | | 604 | 612 | 619 | 626 | 634 | | |
| 584 | 641 | 649 | 656 | 664 | 671 | | 678 | 686 | 693 | 701 | 708 | | |
| 585 | 716 | 723 | 730 | 738 | 745 | | 753 | 760 | 768 | 775 | 782 | | |
| 586 | 790 | 797 | 805 | 812 | 819 | | 827 | 834 | 842 | 849 | 856 | | |
| 587 | 864 | 871 | 879 | 886 | 893 | | 901 | 908 | 916 | 923 | 930 | | |
| 588 | 938 | 945 | 953 | 960 | 967 | | 975 | 982 | 989 | 997 | *004 | | |
| 589 | 77 | 012 | 019 | 026 | 034 | 041 | 048 | 056 | 063 | 070 | 078 | | |
| 590 | 085 | 093 | 100 | 107 | 115 | | 122 | 129 | 137 | 144 | 151 | <p style="text-align: center;">3</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> | |
| 591 | 159 | 166 | 173 | 181 | 188 | | 195 | 203 | 210 | 217 | 225 | | |
| 592 | 232 | 240 | 247 | 254 | 262 | | 269 | 276 | 283 | 291 | 298 | | |
| 593 | 305 | 313 | 320 | 327 | 335 | | 342 | 349 | 357 | 364 | 371 | | |
| 594 | 379 | 386 | 393 | 401 | 408 | | 415 | 422 | 430 | 437 | 444 | | |
| 595 | 452 | 459 | 466 | 474 | 481 | | 488 | 495 | 503 | 510 | 517 | | |
| 596 | 525 | 532 | 539 | 546 | 554 | | 561 | 568 | 576 | 583 | 590 | | |
| 597 | 597 | 605 | 612 | 619 | 627 | | 634 | 641 | 648 | 656 | 663 | | |
| 598 | 670 | 677 | 685 | 692 | 699 | | 706 | 714 | 721 | 728 | 735 | | |
| 599 | 743 | 750 | 757 | 764 | 772 | | 779 | 786 | 793 | 801 | 808 | | |
| 600 | 815 | 822 | 830 | 837 | 844 | | 851 | 859 | 866 | 873 | 880 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|----|-----|-----|-----|-----|-----|-----|------|------|------|------|--|-------|
| 600 | 77 | 815 | 822 | 830 | 837 | 844 | 851 | 859 | 866 | 873 | 880 | <p style="text-align: center;">8</p> <p>1 0,8 2 1,6 3 2,4 4 3,2 5 4,0 6 4,8 7 5,6 8 6,4 9 7,2</p> | |
| 601 | | 887 | 895 | 902 | 909 | 916 | 924 | 931 | 938 | 945 | 952 | | |
| 602 | | 960 | 967 | 974 | 981 | 988 | 996 | •003 | •010 | •017 | •025 | | |
| 603 | 78 | 032 | 039 | 046 | 053 | 061 | 068 | 075 | 082 | 089 | 097 | | |
| 604 | | 104 | 111 | 118 | 125 | 132 | 140 | 147 | 154 | 161 | 168 | | |
| 605 | | 176 | 183 | 190 | 197 | 204 | 211 | 219 | 226 | 233 | 240 | | |
| 606 | | 247 | 254 | 262 | 269 | 276 | 283 | 290 | 297 | 305 | 312 | | |
| 607 | | 319 | 326 | 333 | 340 | 347 | 355 | 362 | 369 | 376 | 383 | | |
| 608 | | 390 | 398 | 405 | 412 | 419 | 426 | 433 | 440 | 447 | 455 | | |
| 609 | | 462 | 469 | 476 | 483 | 490 | 497 | 504 | 512 | 519 | 526 | | |
| 610 | | 533 | 540 | 547 | 554 | 561 | 569 | 576 | 583 | 590 | 597 | | |
| 611 | | 604 | 611 | 618 | 625 | 633 | 640 | 647 | 654 | 661 | 668 | | |
| 612 | | 675 | 682 | 689 | 696 | 704 | 711 | 718 | 725 | 732 | 739 | | |
| 613 | | 746 | 753 | 760 | 767 | 774 | 781 | 789 | 796 | 803 | 810 | | |
| 614 | | 817 | 824 | 831 | 838 | 845 | 852 | 859 | 866 | 873 | 880 | | |
| 615 | | 888 | 895 | 902 | 909 | 916 | 923 | 930 | 937 | 944 | 951 | | |
| 616 | | 958 | 965 | 972 | 979 | 986 | 993 | •000 | •007 | •014 | •021 | | |
| 617 | 79 | 029 | 036 | 043 | 050 | 057 | 064 | 071 | 078 | 085 | 092 | | |
| 618 | | 099 | 106 | 113 | 120 | 127 | 134 | 141 | 148 | 155 | 162 | | |
| 619 | | 169 | 176 | 183 | 190 | 197 | 204 | 211 | 218 | 225 | 232 | | |
| 620 | | 239 | 246 | 253 | 260 | 267 | 274 | 281 | 288 | 295 | 302 | <p style="text-align: center;">7</p> <p>1 0,7 2 1,4 3 2,1 4 2,8 5 3,5 6 4,2 7 4,9 8 5,6 9 6,3</p> | |
| 621 | | 309 | 316 | 323 | 330 | 337 | 344 | 351 | 358 | 365 | 372 | | |
| 622 | | 379 | 386 | 393 | 400 | 407 | 414 | 421 | 428 | 435 | 442 | | |
| 623 | | 449 | 456 | 463 | 470 | 477 | 484 | 491 | 498 | 505 | 511 | | |
| 624 | | 518 | 525 | 532 | 539 | 546 | 553 | 560 | 567 | 574 | 581 | | |
| 625 | | 588 | 595 | 602 | 609 | 616 | 623 | 630 | 637 | 644 | 650 | | |
| 626 | | 657 | 664 | 671 | 678 | 685 | 692 | 699 | 706 | 713 | 720 | | |
| 627 | | 727 | 734 | 741 | 748 | 754 | 761 | 768 | 775 | 782 | 789 | | |
| 628 | | 796 | 803 | 810 | 817 | 824 | 831 | 837 | 844 | 851 | 858 | | |
| 629 | | 865 | 872 | 879 | 886 | 893 | 900 | 906 | 913 | 920 | 927 | | |
| 630 | | 934 | 941 | 948 | 955 | 962 | 969 | 975 | 982 | 989 | 996 | | |
| 631 | 80 | 003 | 010 | 017 | 024 | 030 | 037 | 044 | 051 | 058 | 065 | | |
| 632 | | 072 | 079 | 085 | 092 | 099 | 106 | 113 | 120 | 127 | 134 | | |
| 633 | | 140 | 147 | 154 | 161 | 168 | 175 | 182 | 188 | 195 | 202 | | |
| 634 | | 209 | 216 | 223 | 229 | 236 | 243 | 250 | 257 | 264 | 271 | | |
| 635 | | 277 | 284 | 291 | 298 | 305 | 312 | 318 | 325 | 332 | 339 | | |
| 636 | | 346 | 353 | 359 | 366 | 373 | 380 | 387 | 393 | 400 | 407 | | |
| 637 | | 414 | 421 | 428 | 434 | 441 | 448 | 455 | 462 | 468 | 475 | | |
| 638 | | 482 | 489 | 496 | 502 | 509 | 516 | 523 | 530 | 536 | 543 | | |
| 639 | | 550 | 557 | 564 | 570 | 577 | 584 | 591 | 598 | 604 | 611 | | |
| 640 | | 618 | 625 | 632 | 638 | 645 | 652 | 659 | 665 | 672 | 679 | <p style="text-align: center;">6</p> <p>1 0,6 2 1,2 3 1,8 4 2,4 5 3,0 6 3,6 7 4,2 8 4,8 9 5,4</p> | |
| 641 | | 686 | 693 | 699 | 706 | 713 | 720 | 726 | 733 | 740 | 747 | | |
| 642 | | 754 | 760 | 767 | 774 | 781 | 787 | 794 | 801 | 808 | 814 | | |
| 643 | | 821 | 828 | 835 | 841 | 848 | 855 | 862 | 868 | 875 | 882 | | |
| 644 | | 889 | 895 | 902 | 909 | 916 | 922 | 929 | 936 | 943 | 949 | | |
| 645 | | 956 | 963 | 969 | 976 | 983 | 990 | 996 | •003 | •010 | •017 | | |
| 646 | 81 | 023 | 030 | 037 | 043 | 050 | 057 | 064 | 070 | 077 | 084 | | |
| 647 | | 090 | 097 | 104 | 111 | 117 | 124 | 131 | 137 | 144 | 151 | | |
| 648 | | 158 | 164 | 171 | 178 | 184 | 191 | 198 | 204 | 211 | 218 | | |
| 649 | | 224 | 231 | 238 | 245 | 251 | 258 | 265 | 271 | 278 | 285 | | |
| 650 | | 291 | 298 | 305 | 311 | 318 | 325 | 331 | 338 | 345 | 351 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|-----|------|------|------|------|------|------|------|------|------|-------|
| 650 | 81 | 291 | 298 | 305 | 311 | 318 | 325 | 331 | 338 | 345 | 351 | |
| 651 | | 358 | 365 | 371 | 378 | 385 | 391 | 398 | 405 | 411 | 418 | |
| 652 | | 425 | 431 | 438 | 445 | 451 | 458 | 465 | 471 | 478 | 485 | |
| 653 | | 491 | 498 | 505 | 511 | 518 | 525 | 531 | 538 | 544 | 551 | |
| 654 | | 558 | 564 | 571 | 578 | 584 | 591 | 598 | 604 | 611 | 617 | |
| 655 | | 624 | 631 | 637 | 644 | 651 | 657 | 664 | 671 | 677 | 684 | |
| 656 | | 690 | 697 | 704 | 710 | 717 | 723 | 730 | 737 | 743 | 750 | |
| 657 | | 757 | 763 | 770 | 776 | 783 | 790 | 796 | 803 | 809 | 816 | |
| 658 | | 823 | 829 | 836 | 842 | 849 | 856 | 862 | 869 | 875 | 882 | |
| 659 | | 889 | 895 | 902 | 908 | 915 | 921 | 928 | 935 | 941 | 948 | |
| 660 | | 954 | 961 | 968 | 974 | 981 | 987 | 994 | *000 | *007 | *014 | |
| 661 | 82 | 020 | 027 | 033 | 040 | 046 | 053 | 060 | 066 | 073 | 079 | 7 |
| 662 | | 086 | 092 | 099 | 105 | 112 | 119 | 125 | 132 | 138 | 145 | 1 0,7 |
| 663 | | 151 | 158 | 164 | 171 | 178 | 184 | 191 | 197 | 204 | 210 | 2 1,4 |
| 664 | | 217 | 223 | 230 | 236 | 243 | 249 | 256 | 263 | 269 | 276 | 3 2,1 |
| 665 | | 282 | 289 | 295 | 302 | 308 | 315 | 321 | 328 | 334 | 341 | 4 2,8 |
| 666 | | 347 | 354 | 360 | 367 | 373 | 380 | 387 | 393 | 400 | 406 | 5 3,5 |
| 667 | | 413 | 419 | 426 | 432 | 439 | 445 | 452 | 458 | 465 | 471 | 6 4,2 |
| 668 | | 478 | 484 | 491 | 497 | 504 | 510 | 517 | 523 | 530 | 536 | 7 4,9 |
| 669 | | 543 | 549 | 556 | 562 | 569 | 575 | 582 | 588 | 595 | 601 | 8 5,6 |
| 670 | | 607 | 614 | 620 | 627 | 633 | 640 | 646 | 653 | 659 | 666 | |
| 671 | | 672 | 679 | 685 | 692 | 698 | 705 | 711 | 718 | 724 | 730 | |
| 672 | | 737 | 743 | 750 | 756 | 763 | 769 | 776 | 782 | 789 | 795 | |
| 673 | | 802 | 808 | 814 | 821 | 827 | 834 | 840 | 847 | 853 | 860 | |
| 674 | | 866 | 872 | 879 | 885 | 892 | 898 | 905 | 911 | 918 | 924 | |
| 675 | | 930 | 937 | 943 | 950 | 956 | 963 | 969 | 975 | 982 | 988 | |
| 676 | | 995 | *001 | *008 | *014 | *020 | *027 | *033 | *040 | *046 | *052 | |
| 677 | 83 | 059 | 065 | 072 | 078 | 085 | 091 | 097 | 104 | 110 | 117 | |
| 678 | | 123 | 129 | 136 | 142 | 149 | 155 | 161 | 168 | 174 | 181 | |
| 679 | | 187 | 193 | 200 | 206 | 213 | 219 | 225 | 232 | 238 | 245 | |
| 680 | | 251 | 257 | 264 | 270 | 276 | 283 | 289 | 296 | 302 | 308 | |
| 681 | | 315 | 321 | 327 | 334 | 340 | 347 | 353 | 359 | 366 | 372 | 6 |
| 682 | | 378 | 385 | 391 | 398 | 404 | 410 | 417 | 423 | 429 | 436 | 1 0,6 |
| 683 | | 442 | 448 | 455 | 461 | 467 | 474 | 480 | 487 | 493 | 499 | 2 1,2 |
| 684 | | 506 | 512 | 518 | 525 | 531 | 537 | 544 | 550 | 556 | 563 | 3 1,8 |
| 685 | | 569 | 575 | 582 | 588 | 594 | 601 | 607 | 613 | 620 | 626 | 4 2,4 |
| 686 | | 632 | 639 | 645 | 651 | 658 | 664 | 670 | 677 | 683 | 689 | 5 3,0 |
| 687 | | 696 | 702 | 708 | 715 | 721 | 727 | 734 | 740 | 746 | 753 | 6 3,6 |
| 688 | | 759 | 765 | 771 | 778 | 784 | 790 | 797 | 803 | 809 | 816 | 7 4,2 |
| 689 | | 822 | 828 | 835 | 841 | 847 | 853 | 860 | 866 | 872 | 879 | 8 4,8 |
| 690 | | 885 | 891 | 897 | 904 | 910 | 916 | 923 | 929 | 935 | 942 | |
| 691 | | 948 | 954 | 960 | 967 | 973 | 979 | 985 | 992 | 998 | *004 | |
| 692 | 84 | 011 | 017 | 023 | 029 | 036 | 042 | 048 | 055 | 061 | 067 | |
| 693 | | 073 | 080 | 086 | 092 | 098 | 105 | 111 | 117 | 123 | 130 | |
| 694 | | 136 | 142 | 148 | 155 | 161 | 167 | 173 | 180 | 186 | 192 | |
| 695 | | 198 | 205 | 211 | 217 | 223 | 230 | 236 | 242 | 248 | 255 | |
| 696 | | 261 | 267 | 273 | 280 | 286 | 292 | 298 | 305 | 311 | 317 | |
| 697 | | 323 | 330 | 336 | 342 | 348 | 354 | 361 | 367 | 373 | 379 | |
| 698 | | 386 | 392 | 398 | 404 | 410 | 417 | 423 | 429 | 435 | 442 | |
| 699 | | 448 | 454 | 460 | 466 | 473 | 479 | 485 | 491 | 497 | 504 | |
| 700 | | 510 | 516 | 522 | 528 | 535 | 541 | 547 | 553 | 559 | 566 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|----------|
| 700 | 84 | 510 | 516 | 522 | 528 | 535 | 541 | 547 | 553 | 559 | 566 | |
| 701 | | 572 | 578 | 584 | 590 | 597 | 603 | 609 | 615 | 621 | 628 | |
| 702 | | 634 | 640 | 646 | 652 | 658 | 665 | 671 | 677 | 683 | 689 | |
| 703 | | 696 | 702 | 708 | 714 | 720 | 726 | 733 | 739 | 745 | 751 | |
| 704 | | 757 | 763 | 770 | 776 | 782 | 788 | 794 | 800 | 807 | 813 | |
| 705 | | 819 | 825 | 831 | 837 | 844 | 850 | 856 | 862 | 868 | 874 | |
| 706 | | 880 | 887 | 893 | 899 | 905 | 911 | 917 | 924 | 930 | 936 | 7 |
| 707 | | 942 | 948 | 954 | 960 | 967 | 973 | 979 | 985 | 991 | 997 | 1 0,7 |
| 708 | 85 | 003 | 009 | 016 | 022 | 028 | 034 | 040 | 046 | 052 | 058 | 2 1,4 |
| 709 | | 065 | 071 | 077 | 083 | 089 | 095 | 101 | 107 | 114 | 120 | 3 2,1 |
| 710 | 126 | 132 | 138 | 144 | 150 | | 156 | 163 | 169 | 175 | 181 | 4 2,8 |
| 711 | | 187 | 193 | 199 | 205 | 211 | 217 | 224 | 230 | 236 | 242 | 5 3,5 |
| 712 | | 248 | 254 | 260 | 266 | 272 | 278 | 285 | 291 | 297 | 303 | 6 4,2 |
| 713 | | 309 | 315 | 321 | 327 | 333 | 339 | 345 | 352 | 358 | 364 | 7 4,9 |
| 714 | | 370 | 376 | 382 | 388 | 394 | 400 | 406 | 412 | 418 | 425 | 8 5,6 |
| 715 | | 431 | 437 | 443 | 449 | 455 | 461 | 467 | 473 | 479 | 485 | 9 6,3 |
| 716 | | 491 | 497 | 503 | 509 | 516 | 522 | 528 | 534 | 540 | 546 | |
| 717 | | 552 | 558 | 564 | 570 | 576 | 582 | 588 | 594 | 600 | 606 | |
| 718 | | 612 | 618 | 625 | 631 | 637 | 643 | 649 | 655 | 661 | 667 | |
| 719 | | 673 | 679 | 685 | 691 | 697 | 703 | 709 | 715 | 721 | 727 | |
| 720 | 733 | 739 | 745 | 751 | 757 | | 763 | 769 | 775 | 781 | 788 | |
| 721 | | 794 | 800 | 806 | 812 | 818 | 824 | 830 | 836 | 842 | 848 | |
| 722 | | 854 | 860 | 866 | 872 | 878 | 884 | 890 | 896 | 902 | 908 | |
| 723 | | 914 | 920 | 926 | 932 | 938 | 944 | 950 | 956 | 962 | 968 | |
| 724 | | 974 | 980 | 986 | 992 | 998 | *004 | *010 | *016 | *022 | *028 | 6 |
| 725 | 86 | 034 | 040 | 046 | 052 | 058 | 064 | 070 | 076 | 082 | 088 | 1 0,6 |
| 726 | | 094 | 100 | 106 | 112 | 118 | 124 | 130 | 136 | 141 | 147 | 2 1,2 |
| 727 | | 153 | 159 | 165 | 171 | 177 | 183 | 189 | 195 | 201 | 207 | 3 1,8 |
| 728 | | 213 | 219 | 225 | 231 | 237 | 243 | 249 | 255 | 261 | 267 | 4 2,4 |
| 729 | | 273 | 279 | 285 | 291 | 297 | 303 | 308 | 314 | 320 | 326 | 5 3,0 |
| 730 | 332 | 338 | 344 | 350 | 356 | | 362 | 368 | 374 | 380 | 386 | 6 3,6 |
| 731 | | 392 | 398 | 404 | 410 | 415 | 421 | 427 | 433 | 439 | 445 | 7 4,2 |
| 732 | | 451 | 457 | 463 | 469 | 475 | 481 | 487 | 493 | 499 | 504 | 8 4,8 |
| 733 | | 510 | 516 | 522 | 528 | 534 | 540 | 546 | 552 | 558 | 564 | 9 5,4 |
| 734 | | 570 | 576 | 581 | 587 | 593 | 599 | 605 | 611 | 617 | 623 | |
| 735 | | 629 | 635 | 641 | 646 | 652 | 658 | 664 | 670 | 676 | 682 | |
| 736 | | 688 | 694 | 700 | 705 | 711 | 717 | 723 | 729 | 735 | 741 | |
| 737 | | 747 | 753 | 759 | 764 | 770 | 776 | 782 | 788 | 794 | 800 | |
| 738 | | 806 | 812 | 817 | 823 | 829 | 835 | 841 | 847 | 853 | 859 | |
| 739 | | 864 | 870 | 876 | 882 | 888 | 894 | 900 | 906 | 911 | 917 | 5 |
| 740 | 923 | 929 | 935 | 941 | 947 | | 953 | 958 | 964 | 970 | 976 | 1 0,5 |
| 741 | | 982 | 988 | 994 | 999 | *005 | *011 | *017 | *023 | *029 | *035 | 2 1,0 |
| 742 | 87 | 040 | 046 | 052 | 058 | 064 | 070 | 075 | 081 | 087 | 093 | 3 1,5 |
| 743 | | 099 | 105 | 111 | 116 | 122 | 128 | 134 | 140 | 146 | 151 | 4 2,0 |
| 744 | | 157 | 163 | 169 | 175 | 181 | 186 | 192 | 198 | 204 | 210 | 5 2,5 |
| 745 | | 216 | 221 | 227 | 233 | 239 | 245 | 251 | 256 | 262 | 268 | 6 3,0 |
| 746 | | 274 | 280 | 286 | 291 | 297 | 303 | 309 | 315 | 320 | 326 | 7 3,5 |
| 747 | | 332 | 338 | 344 | 349 | 355 | 361 | 367 | 373 | 379 | 384 | 8 4,0 |
| 748 | | 390 | 396 | 402 | 408 | 413 | 419 | 425 | 431 | 437 | 442 | 9 4,5 |
| 749 | | 448 | 454 | 460 | 466 | 471 | 477 | 483 | 489 | 495 | 500 | |
| 750 | 506 | 512 | 518 | 523 | 529 | | 535 | 541 | 547 | 552 | 558 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|-----|-----|-----|------|------|------|------|------|------|------|--|
| 750 | 87 | 506 | 512 | 518 | 523 | 529 | 535 | 541 | 547 | 552 | 558 | <p style="text-align: center;">6</p> <p>1 0,6 2 1,2 3 1,8 4 2,4 5 3,0 6 3,6 7 4,2 8 4,8 9 5,4</p> |
| 751 | | 564 | 570 | 576 | 581 | 587 | 593 | 599 | 604 | 610 | 616 | |
| 752 | | 622 | 628 | 633 | 639 | 645 | 651 | 656 | 662 | 668 | 674 | |
| 753 | | 679 | 685 | 691 | 697 | 703 | 708 | 714 | 720 | 726 | 731 | |
| 754 | | 737 | 743 | 749 | 754 | 760 | 766 | 772 | 777 | 783 | 789 | |
| 755 | | 795 | 800 | 806 | 812 | 818 | 823 | 829 | 835 | 841 | 846 | |
| 756 | | 852 | 858 | 864 | 869 | 875 | 881 | 887 | 892 | 898 | 904 | |
| 757 | | 910 | 915 | 921 | 927 | 933 | 938 | 944 | 950 | 955 | 961 | |
| 758 | | 967 | 973 | 978 | 984 | 990 | 996 | *001 | *007 | *013 | *018 | |
| 759 | 88 | 024 | 030 | 036 | 041 | 047 | 053 | 058 | 064 | 070 | 076 | |
| 760 | | 081 | 087 | 093 | 098 | 104 | 110 | 116 | 121 | 127 | 133 | <p style="text-align: center;">5</p> <p>1 0,5 2 1,0 3 1,5 4 2,0 5 2,5 6 3,0 7 3,5 8 4,0 9 4,5</p> |
| 761 | | 138 | 144 | 150 | 156 | 161 | 167 | 173 | 178 | 184 | 190 | |
| 762 | | 195 | 201 | 207 | 213 | 218 | 224 | 230 | 235 | 241 | 247 | |
| 763 | | 252 | 258 | 264 | 270 | 275 | 281 | 287 | 292 | 298 | 304 | |
| 764 | | 309 | 315 | 321 | 326 | 332 | 338 | 343 | 349 | 355 | 360 | |
| 765 | | 366 | 372 | 377 | 383 | 389 | 395 | 400 | 406 | 412 | 417 | |
| 766 | | 423 | 429 | 434 | 440 | 446 | 451 | 457 | 463 | 468 | 474 | |
| 767 | | 480 | 485 | 491 | 497 | 502 | 508 | 513 | 519 | 525 | 530 | |
| 768 | | 536 | 542 | 547 | 553 | 559 | 564 | 570 | 576 | 581 | 587 | |
| 769 | | 593 | 598 | 604 | 610 | 615 | 621 | 627 | 632 | 638 | 643 | |
| 770 | | 649 | 655 | 660 | 666 | 672 | 677 | 683 | 689 | 694 | 700 | <p style="text-align: center;">4</p> <p>1 0,4 2 0,8 3 1,2 4 1,6 5 2,0 6 2,4 7 2,8 8 3,2 9 3,6</p> |
| 771 | | 705 | 711 | 717 | 722 | 728 | 734 | 739 | 745 | 750 | 756 | |
| 772 | | 762 | 767 | 773 | 779 | 784 | 790 | 795 | 801 | 807 | 812 | |
| 773 | | 818 | 824 | 829 | 835 | 840 | 846 | 852 | 857 | 863 | 868 | |
| 774 | | 874 | 880 | 885 | 891 | 897 | 902 | 908 | 913 | 919 | 925 | |
| 775 | | 930 | 936 | 941 | 947 | 953 | 958 | 964 | 969 | 975 | 981 | |
| 776 | | 986 | 992 | 997 | *003 | *009 | *014 | *020 | *025 | *031 | *037 | |
| 777 | 89 | 042 | 048 | 053 | 059 | 064 | 070 | 076 | 081 | 087 | 092 | |
| 778 | | 098 | 104 | 109 | 115 | 120 | 126 | 131 | 137 | 143 | 148 | |
| 779 | | 154 | 159 | 165 | 170 | 176 | 182 | 187 | 193 | 198 | 204 | |
| 780 | | 209 | 215 | 221 | 226 | 232 | 237 | 243 | 248 | 254 | 260 | <p style="text-align: center;">3</p> <p>1 0,3 2 0,6 3 0,9 4 1,2 5 1,5 6 1,8 7 2,1 8 2,4 9 2,7</p> |
| 781 | | 265 | 271 | 276 | 282 | 287 | 293 | 298 | 304 | 310 | 315 | |
| 782 | | 321 | 326 | 332 | 337 | 343 | 348 | 354 | 360 | 365 | 371 | |
| 783 | | 376 | 382 | 387 | 393 | 398 | 404 | 409 | 415 | 421 | 426 | |
| 784 | | 432 | 437 | 443 | 448 | 454 | 459 | 465 | 470 | 476 | 481 | |
| 785 | | 487 | 492 | 498 | 504 | 509 | 515 | 520 | 526 | 531 | 537 | |
| 786 | | 542 | 548 | 553 | 559 | 564 | 570 | 575 | 581 | 586 | 592 | |
| 787 | | 597 | 603 | 609 | 614 | 620 | 625 | 631 | 636 | 642 | 647 | |
| 788 | | 653 | 658 | 664 | 669 | 675 | 680 | 686 | 691 | 697 | 702 | |
| 789 | | 708 | 713 | 719 | 724 | 730 | 735 | 741 | 746 | 752 | 757 | |
| 790 | | 763 | 768 | 774 | 779 | 785 | 790 | 796 | 801 | 807 | 812 | <p style="text-align: center;">2</p> <p>1 0,2 2 0,4 3 0,6 4 0,8 5 1,0 6 1,2 7 1,4 8 1,6 9 1,8</p> |
| 791 | | 818 | 823 | 829 | 834 | 840 | 845 | 851 | 856 | 862 | 867 | |
| 792 | | 873 | 878 | 883 | 889 | 894 | 900 | 905 | 911 | 916 | 922 | |
| 793 | | 927 | 933 | 938 | 944 | 949 | 955 | 960 | 966 | 971 | 977 | |
| 794 | | 982 | 988 | 993 | 998 | *004 | *009 | *015 | *020 | *026 | *031 | |
| 795 | 90 | 037 | 042 | 048 | 053 | 059 | 064 | 069 | 075 | 080 | 086 | |
| 796 | | 091 | 097 | 102 | 108 | 113 | 119 | 124 | 129 | 135 | 140 | |
| 797 | | 146 | 151 | 157 | 162 | 168 | 173 | 179 | 184 | 189 | 195 | |
| 798 | | 200 | 206 | 211 | 217 | 222 | 227 | 233 | 238 | 244 | 249 | |
| 799 | | 255 | 260 | 266 | 271 | 276 | 282 | 287 | 293 | 298 | 304 | |
| 800 | | 309 | 314 | 320 | 325 | 331 | 336 | 342 | 347 | 352 | 358 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|
| 800 | 90 | 309 | 314 | 320 | 325 | 331 | 336 | 342 | 347 | 352 | 358 | |
| 801 | | 363 | 369 | 374 | 380 | 385 | 390 | 396 | 401 | 407 | 412 | |
| 802 | | 417 | 423 | 428 | 434 | 439 | 445 | 450 | 455 | 461 | 466 | |
| 803 | | 472 | 477 | 482 | 488 | 493 | 499 | 504 | 509 | 515 | 520 | |
| 804 | | 526 | 531 | 536 | 542 | 547 | 553 | 558 | 563 | 569 | 574 | |
| 805 | | 580 | 585 | 590 | 596 | 601 | 607 | 612 | 617 | 623 | 628 | |
| 806 | | 634 | 639 | 644 | 650 | 655 | 660 | 666 | 671 | 677 | 682 | |
| 807 | | 687 | 693 | 698 | 703 | 709 | 714 | 720 | 725 | 730 | 736 | |
| 808 | | 741 | 747 | 752 | 757 | 763 | 768 | 773 | 779 | 784 | 789 | |
| 809 | | 795 | 800 | 806 | 811 | 816 | 822 | 827 | 832 | 838 | 843 | |
| 810 | | 849 | 854 | 859 | 865 | 870 | 875 | 881 | 886 | 891 | 897 | |
| 811 | | 902 | 907 | 913 | 918 | 924 | 929 | 934 | 940 | 945 | 950 | |
| 812 | | 956 | 961 | 966 | 972 | 977 | 982 | 988 | 993 | 998 | *004 | |
| 813 | 91 | 009 | 014 | 020 | 025 | 030 | 036 | 041 | 046 | 052 | 057 | |
| 814 | | 062 | 068 | 073 | 078 | 084 | 089 | 094 | 100 | 105 | 110 | |
| 815 | | 116 | 121 | 126 | 132 | 137 | 142 | 148 | 153 | 158 | 164 | |
| 816 | | 169 | 174 | 180 | 185 | 190 | 196 | 201 | 206 | 212 | 217 | |
| 817 | | 222 | 228 | 233 | 238 | 243 | 249 | 254 | 259 | 265 | 270 | |
| 818 | | 275 | 281 | 286 | 291 | 297 | 302 | 307 | 312 | 318 | 323 | |
| 819 | | 328 | 334 | 339 | 344 | 350 | 355 | 360 | 365 | 371 | 376 | |
| 820 | | 381 | 387 | 392 | 397 | 403 | 408 | 413 | 418 | 424 | 429 | |
| 821 | | 434 | 440 | 445 | 450 | 455 | 461 | 466 | 471 | 477 | 482 | |
| 822 | | 487 | 492 | 498 | 503 | 508 | 514 | 519 | 524 | 529 | 535 | |
| 823 | | 540 | 545 | 551 | 556 | 561 | 566 | 572 | 577 | 582 | 587 | |
| 824 | | 593 | 598 | 603 | 609 | 614 | 619 | 624 | 630 | 635 | 640 | |
| 825 | | 645 | 651 | 656 | 661 | 666 | 672 | 677 | 682 | 687 | 693 | |
| 826 | | 698 | 703 | 709 | 714 | 719 | 724 | 730 | 735 | 740 | 745 | |
| 827 | | 751 | 756 | 761 | 766 | 772 | 777 | 782 | 787 | 793 | 798 | |
| 828 | | 803 | 808 | 814 | 819 | 824 | 829 | 834 | 840 | 845 | 850 | |
| 829 | | 855 | 861 | 866 | 871 | 876 | 882 | 887 | 892 | 897 | 903 | |
| 830 | | 908 | 913 | 918 | 924 | 929 | 934 | 939 | 944 | 950 | 955 | |
| 831 | | 960 | 965 | 971 | 976 | 981 | 986 | 991 | 997 | *002 | *007 | |
| 832 | 92 | 012 | 018 | 023 | 028 | 033 | 038 | 044 | 049 | 054 | 059 | |
| 833 | | 065 | 070 | 075 | 080 | 085 | 091 | 096 | 101 | 106 | 111 | |
| 834 | | 117 | 122 | 127 | 132 | 137 | 143 | 148 | 153 | 158 | 163 | |
| 835 | | 169 | 174 | 179 | 184 | 189 | 195 | 200 | 205 | 210 | 215 | |
| 836 | | 221 | 226 | 231 | 236 | 241 | 247 | 252 | 257 | 262 | 267 | |
| 837 | | 273 | 278 | 283 | 288 | 293 | 298 | 304 | 309 | 314 | 319 | |
| 838 | | 324 | 330 | 335 | 340 | 345 | 350 | 355 | 361 | 366 | 371 | |
| 839 | | 376 | 381 | 387 | 392 | 397 | 402 | 407 | 412 | 418 | 423 | |
| 840 | | 428 | 433 | 438 | 443 | 449 | 454 | 459 | 464 | 469 | 474 | |
| 841 | | 480 | 485 | 490 | 495 | 500 | 505 | 511 | 516 | 521 | 526 | |
| 842 | | 531 | 536 | 542 | 547 | 552 | 557 | 562 | 567 | 572 | 578 | |
| 843 | | 583 | 588 | 593 | 598 | 603 | 609 | 614 | 619 | 624 | 629 | |
| 844 | | 634 | 639 | 645 | 650 | 655 | 660 | 665 | 670 | 675 | 681 | |
| 845 | | 686 | 691 | 696 | 701 | 706 | 711 | 716 | 722 | 727 | 732 | |
| 846 | | 737 | 742 | 747 | 752 | 758 | 763 | 768 | 773 | 778 | 783 | |
| 847 | | 788 | 793 | 799 | 804 | 809 | 814 | 819 | 824 | 829 | 834 | |
| 848 | | 840 | 845 | 850 | 855 | 860 | 865 | 870 | 875 | 881 | 886 | |
| 849 | | 891 | 896 | 901 | 906 | 911 | 916 | 921 | 927 | 932 | 937 | |
| 850 | | 942 | 947 | 952 | 957 | 962 | 967 | 973 | 978 | 983 | 988 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

6

1 0,6
2 1,2
3 1,8
4 2,4
5 3,0
6 3,6
7 4,2
8 4,8
9 5,4

5

1 0,5
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4 2,0
5 2,5
6 3,0
7 3,5
8 4,0
9 4,5

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| 850 | 92 | 942 | 947 | 952 | 957 | 962 | 967 | 973 | 978 | 983 | 988 | |
| 851 | | 993 | 998 | *003 | *008 | *013 | *018 | *024 | *029 | *034 | *039 | |
| 852 | 93 | 044 | 049 | 054 | 059 | 064 | 069 | 075 | 080 | 085 | 090 | |
| 853 | | 095 | 100 | 105 | 110 | 115 | 120 | 125 | 131 | 136 | 141 | |
| 854 | | 146 | 151 | 156 | 161 | 166 | 171 | 176 | 181 | 186 | 192 | |
| 855 | 197 | 202 | 207 | 212 | 217 | | 222 | 227 | 232 | 237 | 242 | |
| 856 | | 247 | 252 | 258 | 263 | 268 | 273 | 278 | 283 | 288 | 293 | |
| 857 | | 298 | 303 | 308 | 313 | 318 | 323 | 328 | 334 | 339 | 344 | |
| 858 | | 349 | 354 | 359 | 364 | 369 | 374 | 379 | 384 | 389 | 394 | |
| 859 | | 399 | 404 | 409 | 414 | 420 | 425 | 430 | 435 | 440 | 445 | |
| 860 | 450 | 455 | 460 | 465 | 470 | | 475 | 480 | 485 | 490 | 495 | |
| 861 | | 500 | 505 | 510 | 515 | 520 | 526 | 531 | 536 | 541 | 546 | |
| 862 | | 551 | 556 | 561 | 566 | 571 | 576 | 581 | 586 | 591 | 596 | |
| 863 | | 601 | 606 | 611 | 616 | 621 | 626 | 631 | 636 | 641 | 646 | |
| 864 | | 651 | 656 | 661 | 666 | 671 | 676 | 682 | 687 | 692 | 697 | |
| 865 | 702 | 707 | 712 | 717 | 722 | | 727 | 732 | 737 | 742 | 747 | |
| 866 | | 752 | 757 | 762 | 767 | 772 | 777 | 782 | 787 | 792 | 797 | |
| 867 | | 802 | 807 | 812 | 817 | 822 | 827 | 832 | 837 | 842 | 847 | |
| 868 | | 852 | 857 | 862 | 867 | 872 | 877 | 882 | 887 | 892 | 897 | |
| 869 | | 902 | 907 | 912 | 917 | 922 | 927 | 932 | 937 | 942 | 947 | |
| 870 | 952 | 957 | 962 | 967 | 972 | | 977 | 982 | 987 | 992 | 997 | |
| 871 | 94 | 002 | 007 | 012 | 017 | 022 | 027 | 032 | 037 | 042 | 047 | |
| 872 | | 052 | 057 | 062 | 067 | 072 | 077 | 082 | 086 | 091 | 096 | |
| 873 | | 101 | 106 | 111 | 116 | 121 | 126 | 131 | 136 | 141 | 146 | |
| 874 | | 151 | 156 | 161 | 166 | 171 | 176 | 181 | 186 | 191 | 196 | |
| 875 | 201 | 206 | 211 | 216 | 221 | | 226 | 231 | 236 | 240 | 245 | |
| 876 | | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | |
| 877 | | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | |
| 878 | | 349 | 354 | 359 | 364 | 369 | 374 | 379 | 384 | 389 | 394 | |
| 879 | | 399 | 404 | 409 | 414 | 419 | 424 | 429 | 433 | 438 | 443 | |
| 880 | 448 | 453 | 458 | 463 | 468 | | 473 | 478 | 483 | 488 | 493 | |
| 881 | | 498 | 503 | 507 | 512 | 517 | 522 | 527 | 532 | 537 | 542 | |
| 882 | | 547 | 552 | 557 | 562 | 567 | 571 | 576 | 581 | 586 | 591 | |
| 883 | | 596 | 601 | 606 | 611 | 616 | 621 | 626 | 630 | 635 | 640 | |
| 884 | | 645 | 650 | 655 | 660 | 665 | 670 | 675 | 680 | 685 | 689 | |
| 885 | 694 | 699 | 704 | 709 | 714 | | 719 | 724 | 729 | 734 | 738 | |
| 886 | | 743 | 748 | 753 | 758 | 763 | 768 | 773 | 778 | 783 | 787 | |
| 887 | | 792 | 797 | 802 | 807 | 812 | 817 | 822 | 827 | 832 | 836 | |
| 888 | | 841 | 846 | 851 | 856 | 861 | 866 | 871 | 876 | 880 | 885 | |
| 889 | | 890 | 895 | 900 | 905 | 910 | 915 | 919 | 924 | 929 | 934 | |
| 890 | 939 | 944 | 949 | 954 | 959 | | 963 | 968 | 973 | 978 | 983 | |
| 891 | | 988 | 993 | 998 | *002 | *007 | *012 | *017 | *022 | *027 | *032 | |
| 892 | 95 | 036 | 041 | 046 | 051 | 056 | 061 | 066 | 071 | 075 | 080 | |
| 893 | | 085 | 090 | 095 | 100 | 105 | 109 | 114 | 119 | 124 | 129 | |
| 894 | | 134 | 139 | 143 | 148 | 153 | 158 | 163 | 168 | 173 | 177 | |
| 895 | 182 | 187 | 192 | 197 | 202 | | 207 | 211 | 216 | 221 | 226 | |
| 896 | | 231 | 236 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 274 | |
| 897 | | 279 | 284 | 289 | 294 | 299 | 303 | 308 | 313 | 318 | 323 | |
| 898 | | 328 | 332 | 337 | 342 | 347 | 352 | 357 | 361 | 366 | 371 | |
| 899 | | 376 | 381 | 386 | 390 | 395 | 400 | 405 | 410 | 415 | 419 | |
| 900 | 424 | 429 | 434 | 439 | 444 | | 448 | 453 | 458 | 463 | 468 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

6
 1 | 0,6
 2 | 1,2
 3 | 1,8
 4 | 2,4
 5 | 3,0
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 9 | 5,4

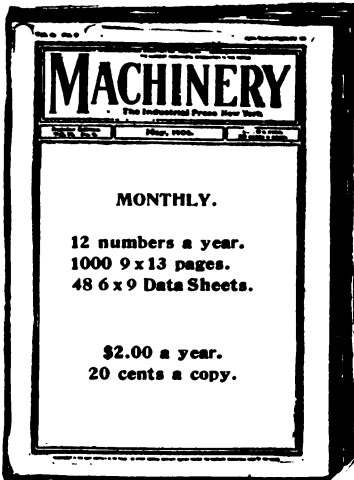
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 1 | 0,5
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 7 | 3,5
 8 | 4,0
 9 | 4,5

4
 1 | 0,4
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 3 | 1,2
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 5 | 2,0
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 7 | 2,8
 8 | 3,2
 9 | 3,6

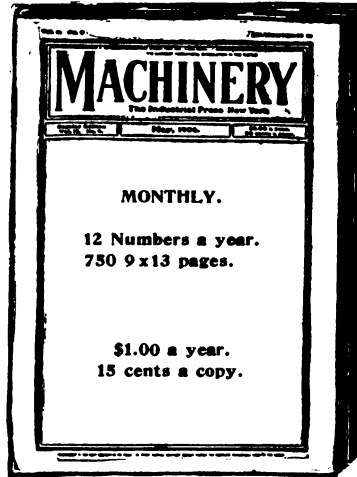
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|---|
| 900 | 95 | 424 | 429 | 434 | 439 | 444 | 448 | 453 | 458 | 463 | 468 | | |
| 901 | | 472 | 477 | 482 | 487 | 492 | 497 | 501 | 506 | 511 | 516 | | |
| 902 | | 521 | 525 | 530 | 535 | 540 | 545 | 550 | 554 | 559 | 564 | | |
| 903 | | 569 | 574 | 578 | 583 | 588 | 593 | 598 | 602 | 607 | 612 | | |
| 904 | | 617 | 622 | 626 | 631 | 636 | 641 | 646 | 650 | 655 | 660 | | |
| 905 | | 665 | 670 | 674 | 679 | 684 | 689 | 694 | 698 | 703 | 708 | | |
| 906 | | 713 | 718 | 722 | 727 | 732 | 737 | 742 | 746 | 751 | 756 | | |
| 907 | | 761 | 766 | 770 | 775 | 780 | 785 | 789 | 794 | 799 | 804 | | |
| 908 | | 809 | 813 | 818 | 823 | 828 | 832 | 837 | 842 | 847 | 852 | | |
| 909 | | 856 | 861 | 866 | 871 | 875 | 880 | 885 | 890 | 895 | 899 | | |
| 910 | | 904 | 909 | 914 | 918 | 923 | 928 | 933 | 938 | 942 | 947 | | 5 |
| 911 | | 952 | 957 | 961 | 966 | 971 | 976 | 980 | 985 | 990 | 995 | | |
| 912 | | 999 | *004 | *009 | *014 | *019 | *023 | *028 | *033 | *038 | *042 | | |
| 913 | 96 | 047 | 052 | 057 | 061 | 066 | 071 | 076 | 080 | 085 | 090 | | |
| 914 | | 095 | 099 | 104 | 109 | 114 | 118 | 123 | 128 | 133 | 137 | | |
| 915 | | 142 | 147 | 152 | 156 | 161 | 166 | 171 | 175 | 180 | 185 | | |
| 916 | | 190 | 194 | 199 | 204 | 209 | 213 | 218 | 223 | 227 | 232 | | |
| 917 | | 237 | 242 | 246 | 251 | 256 | 261 | 265 | 270 | 275 | 280 | | |
| 918 | | 284 | 289 | 294 | 298 | 303 | 308 | 313 | 317 | 322 | 327 | | |
| 919 | | 332 | 336 | 341 | 346 | 350 | 355 | 360 | 365 | 369 | 374 | | |
| 920 | | 379 | 384 | 388 | 393 | 398 | 402 | 407 | 412 | 417 | 421 | 4 | |
| 921 | | 426 | 431 | 435 | 440 | 445 | 450 | 454 | 459 | 464 | 468 | | |
| 922 | | 473 | 478 | 483 | 487 | 492 | 497 | 501 | 506 | 511 | 515 | | |
| 923 | | 520 | 525 | 530 | 534 | 539 | 544 | 548 | 553 | 558 | 562 | | |
| 924 | | 567 | 572 | 577 | 581 | 586 | 591 | 595 | 600 | 605 | 609 | | |
| 925 | | 614 | 619 | 624 | 628 | 633 | 638 | 642 | 647 | 652 | 656 | | |
| 926 | | 661 | 666 | 670 | 675 | 680 | 685 | 689 | 694 | 699 | 703 | | |
| 927 | | 708 | 713 | 717 | 722 | 727 | 731 | 736 | 741 | 745 | 750 | | |
| 928 | | 755 | 759 | 764 | 769 | 774 | 778 | 783 | 788 | 792 | 797 | | |
| 929 | | 802 | 806 | 811 | 816 | 820 | 825 | 830 | 834 | 839 | 844 | | |
| 930 | | 848 | 853 | 858 | 862 | 867 | 872 | 876 | 881 | 886 | 890 | 3 | |
| 931 | | 895 | 900 | 904 | 909 | 914 | 918 | 923 | 928 | 932 | 937 | | |
| 932 | | 942 | 946 | 951 | 956 | 960 | 965 | 970 | 974 | 979 | 984 | | |
| 933 | | 988 | 993 | 997 | *002 | *007 | *011 | *016 | *021 | *025 | *030 | | |
| 934 | 97 | 035 | 039 | 044 | 049 | 053 | 058 | 063 | 067 | 072 | 077 | | |
| 935 | | 081 | 086 | 090 | 095 | 100 | 104 | 109 | 114 | 118 | 123 | | |
| 936 | | 128 | 132 | 137 | 142 | 146 | 151 | 155 | 160 | 165 | 169 | | |
| 937 | | 174 | 179 | 183 | 188 | 192 | 197 | 202 | 206 | 211 | 216 | | |
| 938 | | 220 | 225 | 230 | 234 | 239 | 243 | 248 | 253 | 257 | 262 | | |
| 939 | | 267 | 271 | 276 | 280 | 285 | 290 | 294 | 299 | 304 | 308 | | |
| 940 | | 313 | 317 | 322 | 327 | 331 | 336 | 340 | 345 | 350 | 354 | 2 | |
| 941 | | 359 | 364 | 368 | 373 | 377 | 382 | 387 | 391 | 396 | 400 | | |
| 942 | | 405 | 410 | 414 | 419 | 424 | 428 | 433 | 437 | 442 | 447 | | |
| 943 | | 451 | 456 | 460 | 465 | 470 | 474 | 479 | 483 | 488 | 493 | | |
| 944 | | 497 | 502 | 506 | 511 | 516 | 520 | 525 | 529 | 534 | 539 | | |
| 945 | | 543 | 548 | 552 | 557 | 562 | 566 | 571 | 575 | 580 | 585 | | |
| 946 | | 589 | 594 | 598 | 603 | 607 | 612 | 617 | 621 | 626 | 630 | | |
| 947 | | 635 | 640 | 644 | 649 | 653 | 658 | 663 | 667 | 672 | 676 | | |
| 948 | | 681 | 685 | 690 | 695 | 699 | 704 | 708 | 713 | 717 | 722 | | |
| 949 | | 727 | 731 | 736 | 740 | 745 | 749 | 754 | 759 | 763 | 768 | | |
| 950 | | 772 | 777 | 782 | 786 | 791 | 795 | 800 | 804 | 809 | 813 | | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. | |

| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |
|-------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| 950 | 97 | 772 | 777 | 782 | 786 | 791 | 795 | 800 | 804 | 809 | 813 | |
| 951 | | 818 | 823 | 827 | 832 | 836 | 841 | 845 | 850 | 855 | 859 | |
| 952 | | 864 | 868 | 873 | 877 | 882 | 886 | 891 | 896 | 900 | 905 | |
| 953 | | 909 | 914 | 918 | 923 | 928 | 932 | 937 | 941 | 946 | 950 | |
| 954 | | 955 | 959 | 964 | 968 | 973 | 978 | 982 | 987 | 991 | 996 | |
| 955 | 98 | 000 | 005 | 009 | 014 | 019 | 023 | 028 | 032 | 037 | 041 | |
| 956 | | 046 | 050 | 055 | 059 | 064 | 068 | 073 | 078 | 082 | 087 | |
| 957 | | 091 | 096 | 100 | 105 | 109 | 114 | 118 | 123 | 127 | 132 | |
| 958 | | 137 | 141 | 146 | 150 | 155 | 159 | 164 | 168 | 173 | 177 | |
| 959 | | 182 | 186 | 191 | 195 | 200 | 204 | 209 | 214 | 218 | 223 | |
| 960 | | 227 | 232 | 236 | 241 | 245 | 250 | 254 | 259 | 263 | 268 | |
| 961 | | 272 | 277 | 281 | 286 | 290 | 295 | 299 | 304 | 308 | 313 | 5 |
| 962 | | 318 | 322 | 327 | 331 | 336 | 340 | 345 | 349 | 354 | 358 | I 0,5 |
| 963 | | 363 | 367 | 372 | 376 | 381 | 385 | 390 | 394 | 399 | 403 | 2 1,0 |
| 964 | | 408 | 412 | 417 | 421 | 426 | 430 | 435 | 439 | 444 | 448 | 3 1,5 |
| 965 | | 453 | 457 | 462 | 466 | 471 | 475 | 480 | 484 | 489 | 493 | 4 2,0 |
| 966 | | 498 | 502 | 507 | 511 | 516 | 520 | 525 | 529 | 534 | 538 | 5 2,5 |
| 967 | | 543 | 547 | 552 | 556 | 561 | 565 | 570 | 574 | 579 | 583 | 6 3,0 |
| 968 | | 588 | 592 | 597 | 601 | 605 | 610 | 614 | 619 | 623 | 628 | 7 3,5 |
| 969 | | 632 | 637 | 641 | 646 | 650 | 655 | 659 | 664 | 668 | 673 | 8 4,0 |
| 970 | | 677 | 682 | 686 | 691 | 695 | 700 | 704 | 709 | 713 | 717 | |
| 971 | | 722 | 726 | 731 | 735 | 740 | 744 | 749 | 753 | 758 | 762 | |
| 972 | | 767 | 771 | 776 | 780 | 784 | 789 | 793 | 798 | 802 | 807 | |
| 973 | | 811 | 816 | 820 | 825 | 829 | 834 | 838 | 843 | 847 | 851 | |
| 974 | | 856 | 860 | 865 | 869 | 874 | 878 | 883 | 887 | 892 | 896 | |
| 975 | | 900 | 905 | 909 | 914 | 918 | 923 | 927 | 932 | 936 | 941 | |
| 976 | | 945 | 949 | 954 | 958 | 963 | 967 | 972 | 976 | 981 | 985 | |
| 977 | | 989 | 994 | 998 | *003 | *007 | *012 | *016 | *021 | *025 | *029 | |
| 978 | 99 | 034 | 038 | 043 | 047 | 052 | 056 | 061 | 065 | 069 | 074 | |
| 979 | | 078 | 083 | 087 | 092 | 096 | 100 | 105 | 109 | 114 | 118 | |
| 980 | | 123 | 127 | 131 | 136 | 140 | 145 | 149 | 154 | 158 | 162 | |
| 981 | | 167 | 171 | 176 | 180 | 185 | 189 | 193 | 198 | 202 | 207 | 4 |
| 982 | | 211 | 216 | 220 | 224 | 229 | 233 | 238 | 242 | 247 | 251 | I 0,4 |
| 983 | | 255 | 260 | 264 | 269 | 273 | 277 | 282 | 286 | 291 | 295 | 2 0,8 |
| 984 | | 300 | 304 | 308 | 313 | 317 | 322 | 326 | 330 | 335 | 339 | 3 1,2 |
| 985 | | 344 | 348 | 352 | 357 | 361 | 366 | 370 | 374 | 379 | 383 | 4 1,6 |
| 986 | | 388 | 392 | 396 | 401 | 405 | 410 | 414 | 419 | 423 | 427 | 5 2,0 |
| 987 | | 432 | 436 | 441 | 445 | 449 | 454 | 458 | 463 | 467 | 471 | 6 2,4 |
| 988 | | 476 | 480 | 484 | 489 | 493 | 498 | 502 | 506 | 511 | 515 | 7 2,8 |
| 989 | | 520 | 524 | 528 | 533 | 537 | 542 | 546 | 550 | 555 | 559 | 8 3,2 |
| 990 | | 564 | 568 | 572 | 577 | 581 | 585 | 590 | 594 | 599 | 603 | |
| 991 | | 607 | 612 | 616 | 621 | 625 | 629 | 634 | 638 | 642 | 647 | |
| 992 | | 651 | 656 | 660 | 664 | 669 | 673 | 677 | 682 | 686 | 691 | |
| 993 | | 695 | 699 | 704 | 708 | 712 | 717 | 721 | 726 | 730 | 734 | |
| 994 | | 739 | 743 | 747 | 752 | 756 | 760 | 765 | 769 | 774 | 778 | |
| 995 | | 782 | 787 | 791 | 795 | 800 | 804 | 808 | 813 | 817 | 822 | |
| 996 | | 826 | 830 | 835 | 839 | 843 | 848 | 852 | 856 | 861 | 865 | |
| 997 | | 870 | 874 | 878 | 883 | 887 | 891 | 896 | 900 | 904 | 909 | |
| 998 | | 913 | 917 | 922 | 926 | 930 | 935 | 939 | 944 | 948 | 952 | |
| 999 | | 957 | 961 | 965 | 970 | 974 | 978 | 983 | 987 | 991 | 996 | |
| 1000 | 00 | 000 | 004 | 009 | 013 | 017 | 022 | 026 | 030 | 035 | 039 | |
| N. | L. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P. P. |

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