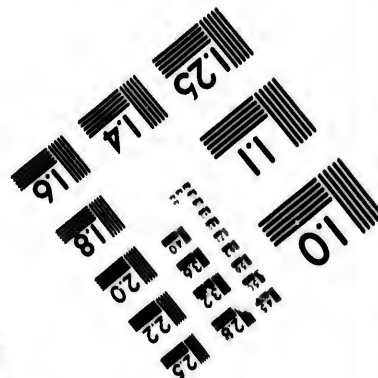
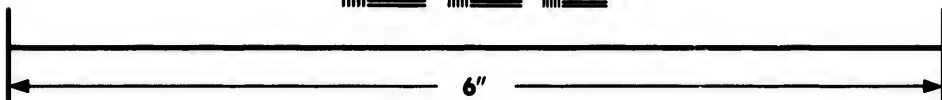
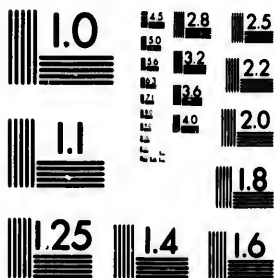


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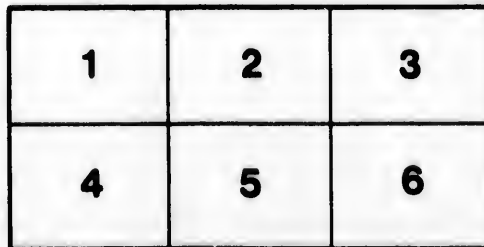
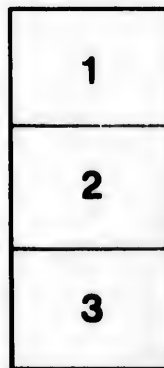
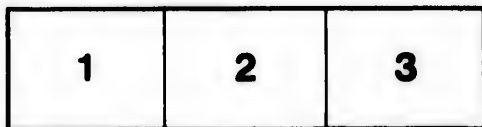
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J  
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George Lewis  
To John Douglas  
as a parting gift  
Sept 52

THE  
**Canadian Mechanic's**  
**READY RECKONER:**

OR,

**TABLES**

For converting English Length, Square and Solid Measures into French, and the contrary, from 1 Line to 1,000,000 Feet, according to the most approved proportion which these Measures bear to each other.

**TO WHICH IS SUBJOINED**

A Table shewing the weight of Bar and Cast Iron, Brass and Lead, corresponding to any quantity from 1 Inch to 100 English Solid Feet.

**ALSO,**

A Table for turning French Arpents, Minots and Pounds, into English Acres, Winchester Bushels and Avoirdupoise pounds from 1 to 1000.

**By I. PIGOTT.**

**THREE-RIVERS:**

**PRINTED AND PUBLISHED BY G. STOBBS,**

**1882.**



## PREFACE.

AS the following Tables owe their origin to the tedious calculations to which the compiler has frequently been subjected, in converting English Lineal, Square and Solid Measures into French, and *vice versa*, he hopes that, in presenting them to the public, it is not necessary to accompany them with any apology for so doing; as he presumes there are but few Mechanics in Canada who have not, in the course of their avocations, felt the want of a Ready-Reckoner of this kind; and he has no hesitation in saying that they may safely rely upon the accuracy of the one now offered to them; the calculations having been made with such care, and by such different methods, as can scarcely admit of the possibility of an error. Authors differing, though in a trifling degree, as to the proportion which the English Foot bears to the French, the Compiler has selected for his *data* that which is given by the British Encyclopedia, and cor-



## PREFACE.

roborated by other respectable modern authorities, and may therefore be considered as having been deduced from the most accurate comparison which have yet been made, and sufficiently near absolute truth for any purpose whatever, viz:—that 442,295 French Lines are equal to 39.371 English Inches Lineal Measure, which proportion, from its complex nature, renders the conversion of the one Measure into the other, a laborious calculation and not a little exposed to error. This difficulty is frequently in some degree mitigated, by the common *approximating* mode of deducting  $\frac{1}{8}$  of an Inch from the English foot to render it into terms of the French; which method is not only also laborious, but will produce a very sensible error in an extensive measurement, both of which objections will be obviated by these Tables, as the following example will sufficiently elucidate.

Let it be required to find in French Measure, the solidity of a building, the walls of which comprise 820 by 40 and by 8 Feet English Measure, the Solid contents of which will be 264,000 English Solid Feet.

## PREFACE.

In the Table of "Solid Measure, English converted into French," in the left hand column

|          |   |        |     |        |   |   |   |
|----------|---|--------|-----|--------|---|---|---|
| opposite | } | 80,000 | are | 24,781 | 7 | 2 | 2 |
| to       | } | 8,000  |     | 6,608  | 5 | 1 | 5 |
|          |   | 400    |     | 330    | 5 | 0 | 8 |
|          |   | 88,400 |     | 31,720 | 5 | 4 | 4 |

solidity in French measure.

By deducting  $\frac{3}{4}$  of an inch from the English Foot, according to the common practice above alluded to, the foregoing dimensions will be 300 by 37  $\frac{1}{2}$  by 2 Feet 9  $\frac{1}{2}$  Inches which will give for the solid contents, 31,640 feet 7  $\frac{1}{2}$  Inches, which is nearly 80 Feet less than before obtained from the Table.

Though the Tables of Lineal Measure are intended for the conversion of Measurement of that description only, as they cannot be used with a view to Square or solid Measure without wasting time and labour, for it is evidently the most easy and expeditious method first to ascertain the solid capacity of any piece of work immediately from the dimensions taken (by which the fractional parts generally attendant upon conversion are avoided) and

then have recourse to the Tables for turning such capacity into the other measure; yet it may not be improper here to perform the foregoing example by the aid of the Tables of Lineal Measure, in order to shew the exact correspondence which subsists between them and those of Solid Measure.

In the table of *Lineal Measure, English converted into French*, left hand column

|             | E. Feet. | F. Feet.   |
|-------------|----------|------------|
| opposite to | 800      | 281.5.10.0 |
|             | 20       | 18.9.2.3   |
|             | 820      | 300.3.0.3  |
|             | 40       | 37.6.4.6   |
| multiplied  | 3        | 2.9.9.4    |

Duodecimally gives 31,719 Feet, 7 Inches and 97-12th Lines, French Solid Measure, which is about 9½ Inches less than what was before given by the Table of Solid Measure, which small difference is owing to the decimals made use of in the construction of that table having been carried to a much greater degree of nicety than it was deemed necessary to carry those by means of which

the Tables of Lineal Measure were framed. The like exact correspondence and reciprocity will be found to pervade all these Tables throughout.

The decimal parts, the nature of which the heading of their columns sufficiently express, are introduced for the accommodation of those who may prefer them to Inches, Lines, &c.

With the view of rendering this Ready Reckoner more generally useful to Mechanics, there is subjoined a concise Table of the Specific Gravities of Bar and Cast Iron, Brass and Lead, from one Inch to one hundred English Solid Feet, which will facilitate the estimating of Mill Machinery, &c. &c. &c. the dimensions of the articles required being known, and consequently their solid capacity, the weight corresponding thereto, in any of these metals, will readily be found in the Table.

There is also subjoined a Table for converting French Arpents, Minots and Pounds into English Acres, Winchester Bushels and Avoirdupoise pounds, &c. respectively from 1 to 1,000.

Three-Rivers, April, 1832.



**LINEAL MEASURE.**  
*English converted into French.*

| ENGLISH. |     |      | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch.* |
|----------|-----|------|---------|-----|------|------|--|
| Ft.      | In. | Lin. | Ft.     | In. | Lin. | Sec. |  |
| 0        | 0   | 1    | 0       | 0   | 0    | 11   | 006  |
| 0        | 0   | 2    | 0       | 0   | 1    | 10   | 013  |
| 0        | 0   | 3    | 0       | 0   | 2    | 10   | 019  |
| 0        | 0   | 4    | 0       | 0   | 3    | 9    | 026  |
| 0        | 0   | 5    | 0       | 0   | 4    | 8    | 032  |
| 0        | 0   | 6    | 0       | 0   | 5    | 7    | 039  |
| 0        | 0   | 7    | 0       | 0   | 6    | 7    | 045  |
| 0        | 0   | 8    | 0       | 0   | 7    | 6    | 052  |
| 0        | 0   | 9    | 0       | 0   | 8    | 5    | 058  |
| 0        | 0   | 10   | 0       | 0   | 9    | 4    | 065  |
| 0        | 0   | 11   | 0       | 0   | 10   | 4    | 071  |
| 0        | 1   | 0    | 0       | 0   | 11   | 3    | 078  |
| 0        | 2   | 0    | 0       | 1   | 10   | 6    | 156  |
| 0        | 3   | 0    | 0       | 2   | 9    | 9    | 234  |
| 0        | 4   | 0    | 0       | 3   | 9    | 0    | 313  |
| 0        | 5   | 0    | 0       | 4   | 8    | 3    | 391  |
| 0        | 6   | 0    | 0       | 5   | 7    | 6    | 469  |
| 0        | 7   | 0    | 0       | 6   | 6    | 10   | 547  |
| 0        | 8   | 0    | 0       | 7   | 6    | 1    | 625  |
| 0        | 9   | 0    | 0       | 8   | 5    | 4    | 704  |
| 0        | 10  | 0    | 0       | 9   | 4    | 7    | 782  |
| 0        | 11  | 0    | 0       | 10  | 3    | 10   | 860  |

\* These Decimals are of the same value as the Inches and parts of an Inch in the column preceding them.

# LINEAL MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|---|
| Feet.    | Ft.     | In. | Lin. | Sec. |   |
| 1        | 0       | 11  | 3    | 1    | 938   |
| 2        | 1       | 10  | 6    | 3    | 876   |
| 3        | 2       | 9   | 9    | 4    | 815   |
| 4        | 3       | 9   | 0    | 5    | 753   |
| 5        | 4       | 8   | 8    | 7    | 691   |
| 6        | 5       | 7   | 6    | 8    | 680   |
| 7        | 6       | 6   | 9    | 9    | 568   |
| 8        | 7       | 6   | 0    | 11   | 506   |
| 9        | 8       | 5   | 4    | 0    | 444   |
| 10       | 9       | 4   | 7    | 1    | 383   |
| 11       | 10      | 3   | 10   | 3    | 321   |
| 12       | 11      | 3   | 1    | 4    | 259   |
| 13       | 12      | 2   | 4    | 6    | 198   |
| 14       | 13      | 1   | 7    | 7    | 186   |
| 15       | 14      | 0   | 10   | 8    | 074   |
| 16       | 15      | 0   | 1    | 10   | 012   |
| 17       | 15      | 11  | 4    | 11   | 951   |
| 18       | 16      | 10  | 8    | 0    | 889   |
| 19       | 17      | 9   | 11   | 2    | 827   |
| 20       | 18      | 9   | 2    | 3    | 766   |
| 21       | 19      | 8   | 5    | 4    | 704   |
| 22       | 20      | 7   | 8    | 6    | 642   |

**ENGLISH MEASURE.**  
*English converted into French.*

| ENGLISH. | FRENCH. |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|----------|---------|-----|------|---|-----|
| Feet.    | Ft.     | In. | Lin. | Sec.  |     |
| 23       | 21      | 6   | 11   | 7   | 580 |
| 24       | 22      | 6   | 2    | 9   | 519 |
| 25       | 23      | 5   | 5    | 10  | 457 |
| 26       | 24      | 4   | 8    | 11  | 395 |
| 27       | 25      | 4   | 0    | 1   | 334 |
| 28       | 26      | 3   | 3    | 2   | 272 |
| 29       | 27      | 2   | 6    | 3   | 210 |
| 30       | 28      | 1   | 9    | 5   | 148 |
| 31       | 29      | 1   | 0    | 6   | 087 |
| 32       | 30      | 0   | 3    | 7   | 025 |
| 33       | 30      | 11  | 6    | 9   | 963 |
| 34       | 31      | 10  | 9    | 10  | 902 |
| 35       | 32      | 10  | 1    | 0   | 840 |
| 36       | 33      | 9   | 4    | 1   | 778 |
| 37       | 34      | 8   | 7    | 2   | 716 |
| 38       | 35      | 7   | 10   | 4   | 655 |
| 39       | 36      | 7   | 1    | 5   | 593 |
| 40       | 37      | 6   | 4    | 6   | 531 |
| 41       | 38      | 5   | 7    | 8   | 470 |
| 42       | 39      | 4   | 10   | 9   | 408 |
| 43       | 40      | 4   | 1    | 10  | 346 |
| 44       | 41      | 3   | 5    | 0   | 284 |



# LINEAL MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|----------|---------|-----|------|---|-----|
| Ft.      | Ft.     | In. | Lin. | Sec.  |     |
| 45       | 42      | 2   | 8    | 1   | 229 |
| 46       | 43      | 1   | 11   | 3   | 161 |
| 47       | 44      | 1   | 2    | 4   | 099 |
| 48       | 45      | 0   | 5    | 5   | 038 |
| 49       | 45      | 11  | 8    | 7   | 976 |
| 50       | 46      | 10  | 11   | 8   | 914 |
| 51       | 47      | 10  | 2    | 9   | 853 |
| 52       | 48      | 9   | 5    | 11  | 791 |
| 53       | 49      | 8   | 9    | 0   | 729 |
| 54       | 50      | 8   | 0    | 1   | 667 |
| 55       | 51      | 7   | 3    | 3   | 606 |
| 56       | 52      | 6   | 6    | 4   | 544 |
| 57       | 53      | 5   | 9    | 5   | 482 |
| 58       | 54      | 5   | 0    | 7   | 421 |
| 59       | 55      | 4   | 3    | 8   | 359 |
| 60       | 56      | 3   | 6    | 9   | 297 |
| 61       | 57      | 2   | 9    | 11  | 235 |
| 62       | 58      | 2   | 1    | 0   | 174 |
| 63       | 59      | 1   | 4    | 2   | 112 |
| 64       | 60      | 0   | 7    | 3   | 050 |
| 65       | 60      | 11  | 10   | 4   | 989 |
| 66       | 61      | 11  | 1    | 6   | 927 |

## LINEAL MEASURE

*English converted into French.*

| ENGLISH | FRENCH. |     |       | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|---------|---------|-----|-------|---|-----|
| Ft.     | Ft.     | In. | l.in. | Sec.  |     |
| 67      | 62      | 10  | 4     | 7   | 865 |
| 68      | 63      | 9   | 7     | 8   | 808 |
| 69      | 64      | 8   | 10    | 10  | 742 |
| 70      | 65      | 8   | 1     | 11  | 680 |
| 71      | 66      | 7   | 5     | 1   | 618 |
| 72      | 67      | 6   | 8     | 2   | 557 |
| 73      | 68      | 5   | 11    | 3   | 495 |
| 74      | 69      | 5   | 2     | 5   | 433 |
| 75      | 70      | 4   | 5     | 6   | 371 |
| 76      | 71      | 3   | 8     | 7   | 310 |
| 77      | 72      | 2   | 11    | 9   | 248 |
| 78      | 73      | 2   | 2     | 10  | 186 |
| 79      | 74      | 1   | 5     | 11  | 125 |
| 80      | 75      | 0   | 9     | 1   | 068 |
| 81      | 76      | 0   | 0     | 2   | 001 |
| 82      | 76      | 11  | 3     | 4   | 939 |
| 83      | 77      | 10  | 6     | 5   | 878 |
| 84      | 78      | 9   | 9     | 6   | 816 |
| 85      | 79      | 9   | 0     | 8   | 754 |
| 86      | 80      | 8   | 3     | 9   | 692 |
| 87      | 81      | 7   | 6     | 10  | 631 |
| 88      | 82      | 6   | 10    | 0   | 569 |

# LINEAL MEASURE

*English converted into French*

| ENGLISH. | FRENCH. |     |      |      | Parts of a<br>Foot equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|--|
| Ft.      | Ft.     | In. | Lin. | Sec. |  |
| 89       | 88      | 6   | 1    | 1    | 508  |
| 90       | 84      | 5   | 4    | 2    | 446  |
| 91       | 85      | 4   | 7    | 4    | 384  |
| 92       | 86      | 3   | 10   | 5    | 322  |
| 93       | 87      | 3   | 1    | 6    | 261  |
| 94       | 88      | 2   | 4    | 8    | 199  |
| 95       | 89      | 1   | 7    | 9    | 137  |
| 96       | 90      | 0   | 10   | 11   | 076  |
| 97       | 91      | 0   | 2    | 0    | 014  |
| 98       | 91      | 11  | 5    | 1    | 952  |
| 99       | 92      | 10  | 8    | 3    | 890  |
| 100      | 93      | 9   | 11   | 4    | 829  |
| 200      | 187     | 7   | 10   | 8    | 658  |
| 300      | 281     | 5   | 10   | 0    | 486  |
| 400      | 375     | 3   | 9    | 4    | 315  |
| 500      | 469     | 1   | 8    | 8    | 144  |
| 600      | 562     | 11  | 8    | 0    | 978  |
| 700      | 656     | 9   | 7    | 5    | 801  |
| 800      | 750     | 7   | 6    | 9    | 630  |
| 900      | 844     | 5   | 6    | 1    | 459  |
| 1000     | 938     | 3   | 5    | 5    | 288  |
| 2000     | 1876    | 6   | 10   | 10   | 575  |

# LINEAL MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|---|
| Ft.      | Ft.     | In. | Lin. | Sec. |   |
| 3000     | 2814    | 10  | 4    | 3    | 863   |
| 4000     | 3753    | 1   | 9    | 8    | 151   |
| 5000     | 4691    | 5   | 3    | 2    | 438   |
| 6000     | 5629    | 8   | 8    | 7    | 726   |
| 7000     | 6568    | 0   | 2    | 0    | 014   |
| 8000     | 7506    | 3   | 7    | 5    | 302   |
| 9000     | 8444    | 7   | 0    | 10   | 589   |
| 10000    | 9382    | 10  | 6    | 3    | 877   |
| 20000    | 18765   | 9   | 0    | 7    | 754   |
| 30000    | 28148   | 7   | 6    | 10   | 631   |
| 40000    | 37531   | 6   | 1    | 2    | 508   |
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| 60000    | 56297   | 3   | 1    | 8    | 262   |
| 70000    | 65680   | 1   | 8    | 0    | 139   |
| 80000    | 75063   | 0   | 2    | 3    | 016   |
| 90000    | 84445   | 10  | 8    | 7    | 893   |
| 100000   | 93828   | 9   | 2    | 10   | 770   |
| 200000   | 187657  | 6   | 5    | 9    | 540   |
| 300000   | 281486  | 3   | 8    | 7    | 310   |
| 400000   | 375315  | 0   | 11   | 5    | 080   |
| 500000   | 469143  | 10  | 2    | 4    | 849   |
| 600000   | 562972  | 7   | 5    | 2    | 619   |

**LINEAL MEASURE.**  
*English converted into French.*

| ENGLISH. | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|---|
| Ft.      | Ft.     | In. | Lin. | Sec. |   |
| 700000   | 656801  | 4   | 8    | 1    | 389   |
| 800000   | 750630  | 1   | 10   | 11   | 159   |
| 900000   | 844458  | 11  | 1    | 9    | 929   |
| 1000000  | 938287  | 8   | 4    | 8    | 699   |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. |     |      | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|-----|------|----------|-----|------|------|---|
| Ft.     | In. | Lin. | Ft.      | In. | Lin. | Sec. |   |
| 0       | 0   | 1    | 0        | 0   | 1    | 1    | 007   |
| 0       | 0   | 2    | 0        | 0   | 2    | 1    | 015   |
| 0       | 0   | 3    | 0        | 0   | 3    | 2    | 022   |
| 0       | 0   | 4    | 0        | 0   | 4    | 3    | 030   |
| 0       | 0   | 5    | 0        | 0   | 5    | 4    | 037   |
| 0       | 0   | 6    | 0        | 0   | 6    | 5    | 044   |
| 0       | 0   | 7    | 0        | 0   | 7    | 5    | 052   |
| 0       | 0   | 8    | 0        | 0   | 8    | 6    | 059   |
| 0       | 0   | 9    | 0        | 0   | 9    | 7    | 067   |
| 0       | 0   | 10   | 0        | 0   | 10   | 8    | 074   |
| 0       | 0   | 11   | 0        | 0   | 11   | 9    | 081   |
| 0       | 1   | 0    | 0        | 1   | 0    | 9    | 089   |
| 0       | 2   | 0    | 0        | 2   | 1    | 7    | 178   |
| 0       | 3   | 0    | 0        | 3   | 2    | 4    | 266   |
| 0       | 4   | 0    | 0        | 4   | 3    | 2    | 355   |
| 0       | 5   | 0    | 0        | 5   | 3    | 11   | 444   |
| 0       | 6   | 0    | 0        | 6   | 4    | 9    | 533   |
| 0       | 7   | 0    | 0        | 7   | 5    | 6    | 622   |
| 0       | 8   | 0    | 0        | 8   | 6    | 4    | 711   |
| 0       | 9   | 0    | 0        | 9   | 7    | 1    | 799   |
| 0       | 10  | 0    | 0        | 10  | 7    | 11   | 888   |
| 0       | 11  | 0    | 0        | 11  | 8    | 8    | 977   |

# LINEAL MEASURE,

*French converted into English.*

| FRENCH. | ENGLISH. |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|---------|----------|-----|------|---|-----|
| Feet.   | Ft.      | In. | Lin. | Sec.  |     |
| 1       | 1        | 0   | 9    | 6   | 066 |
| 2       | 2        | 1   | 6    | 11  | 131 |
| 3       | 3        | 2   | 4    | 5   | 197 |
| 4       | 4        | 3   | 1    | 11  | 263 |
| 5       | 5        | 3   | 11   | 4   | 329 |
| 6       | 6        | 4   | 8    | 10  | 395 |
| 7       | 7        | 5   | 6    | 3   | 460 |
| 8       | 8        | 6   | 3    | 9   | 526 |
| 9       | 9        | 7   | 1    | 3   | 592 |
| 10      | 10       | 7   | 10   | 8   | 658 |
| 11      | 11       | 8   | 8    | 2   | 723 |
| 12      | 12       | 9   | 5    | 8   | 789 |
| 13      | 13       | 10  | 3    | 1   | 855 |
| 14      | 14       | 11  | 0    | 7   | 921 |
| 15      | 15       | 11  | 10   | 1   | 986 |
| 16      | 17       | 0   | 7    | 6   | 052 |
| 17      | 18       | 1   | 5    | 0   | 118 |
| 18      | 19       | 2   | 2    | 6   | 184 |
| 19      | 20       | 2   | 11   | 11  | 250 |
| 20      | 21       | 3   | 9    | 5   | 315 |
| 21      | 22       | 4   | 6    | 11  | 381 |
| 22      | 23       | 5   | 4    | 4   | 447 |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |           | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|-----------|---|
| Feet.   | P.       | In. | Lin. Sec. |   |
| 23      | 24       | 6   | 1 10      | 513   |
| 24      | 25       | 6   | 11 4      | 578   |
| 25      | 26       | 7   | 8 9       | 644   |
| 26      | 27       | 8   | 6 3       | 710   |
| 27      | 28       | 9   | 3 9       | 776   |
| 28      | 29       | 10  | 1 2       | 842   |
| 29      | 30       | 10  | 10 8      | 907   |
| 30      | 31       | 11  | 8 1       | 973   |
| 31      | 32       | 0   | 5 7       | 039   |
| 32      | 34       | 1   | 3 1       | 105   |
| 33      | 35       | 2   | 0 6       | 170   |
| 34      | 36       | 2   | 10 0      | 236   |
| 35      | 37       | 3   | 7 6       | 302   |
| 36      | 38       | 4   | 4 11      | 368   |
| 37      | 39       | 5   | 2 5       | 434   |
| 38      | 40       | 5   | 11 11     | 499   |
| 39      | 41       | 6   | 9 4       | 565   |
| 40      | 42       | 7   | 6 10      | 631   |
| 41      | 43       | 8   | 4 4       | 697   |
| 42      | 44       | 9   | 1 9       | 762   |
| 43      | 45       | 9   | 11 3      | 828   |
| 44      | 46       | 10  | 8 9       | 894   |



# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 45      | 47       | 11  | 6    | 2    | 960   |
| 46      | 49       | 0   | 3    | 8    | 025   |
| 47      | 50       | 1   | 1    | 2    | 091   |
| 48      | 51       | 1   | 10   | 7    | 157   |
| 49      | 52       | 2   | 8    | 1    | 223   |
| 50      | 53       | 3   | 5    | 7    | 289   |
| 51      | 54       | 4   | 3    | 0    | 354   |
| 52      | 55       | 5   | 0    | 6    | 420   |
| 53      | 56       | 5   | 9    | 11   | 486   |
| 54      | 57       | 6   | 7    | 5    | 552   |
| 55      | 58       | 7   | 4    | 11   | 617   |
| 56      | 59       | 8   | 2    | 4    | 683   |
| 57      | 60       | 8   | 11   | 10   | 749   |
| 58      | 61       | 9   | 9    | 4    | 815   |
| 59      | 62       | 10  | 6    | 9    | 880   |
| 60      | 63       | 11  | 4    | 3    | 946   |
| 61      | 65       | 0   | 1    | 9    | 012   |
| 62      | 66       | 0   | 11   | 2    | 078   |
| 63      | 67       | 1   | 8    | 8    | 144   |
| 64      | 68       | 2   | 6    | 2    | 209   |
| 65      | 69       | 3   | 3    | 7    | 275   |
| 66      | 70       | 4   | 1    | 1    | 341   |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      | Decimal parts of a<br>ft. equal to In. and<br>parts of an inch. |     |
|---------|----------|-----|------|---|-----|
| Ft.     | Ft.      | In. | lin. | Sec.  |     |
| 67      | 71       | 4   | 10   | 7   | 407 |
| 68      | 72       | 5   | 8    | 0   | 472 |
| 69      | 73       | 6   | 5    | 6   | 538 |
| 70      | 74       | 7   | 3    | 0   | 604 |
| 71      | 75       | 8   | 0    | 5   | 670 |
| 72      | 76       | 8   | 9    | 11  | 736 |
| 73      | 77       | 9   | 7    | 4   | 801 |
| 74      | 78       | 10  | 4    | 10  | 867 |
| 75      | 79       | 11  | 2    | 4   | 933 |
| 76      | 80       | 11  | 11   | 9   | 999 |
| 77      | 82       | 0   | 9    | 3   | 064 |
| 78      | 83       | 1   | 6    | 9   | 130 |
| 79      | 84       | 2   | 4    | 2   | 196 |
| 80      | 85       | 3   | 1    | 8   | 262 |
| 81      | 86       | 3   | 11   | 2   | 327 |
| 82      | 87       | 4   | 8    | 7   | 393 |
| 83      | 88       | 5   | 6    | 1   | 459 |
| 84      | 89       | 6   | 3    | 7   | 525 |
| 85      | 90       | 7   | 1    | 0   | 591 |
| 86      | 91       | 7   | 10   | 6   | 656 |
| 87      | 92       | 8   | 3    | 0   | 722 |
| 88      | 93       | 9   | 3    | 5   | 788 |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 89      | 94       | 10  | 2    | 11   | 864   |
| 90      | 95       | 11  | 0    | 5    | 919   |
| 91      | 96       | 11  | 9    | 10   | 985   |
| 92      | 98       | 0   | 7    | 4    | 051   |
| 93      | 99       | 1   | 4    | 10   | 117   |
| 94      | 100      | 2   | 2    | 8    | 182   |
| 95      | 101      | 2   | 11   | 9    | 248   |
| 96      | 102      | 3   | 9    | 3    | 314   |
| 97      | 103      | 4   | 6    | 8    | 380   |
| 98      | 104      | 5   | 4    | 2    | 446   |
| 99      | 105      | 6   | 1    | 8    | 511   |
| 100     | 106      | 6   | 11   | 1    | 577   |
| 200     | 213      | 1   | 10   | 2    | 154   |
| 300     | 319      | 8   | 9    | 4    | 731   |
| 400     | 426      | 3   | 8    | 5    | 308   |
| 500     | 532      | 10  | 7    | 6    | 885   |
| 600     | 639      | 5   | 6    | 7    | 468   |
| 700     | 746      | 0   | 5    | 9    | 040   |
| 800     | 852      | 7   | 4    | 10   | 617   |
| 900     | 959      | 2   | 3    | 11   | 194   |
| 1000    | 1065     | 9   | 3    | 1    | 771   |
| 2000    | 2131     | 6   | 6    | 1    | 342   |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|------|------|---|
| In.     | In.      | Lin. | Sec. |   |
| 3000    | 3        | 9    | 8    | 314   |
| 4000    | 4        | 0    | 8    | 085   |
| 5000    | 5        | 3    | 8    | 856   |
| 6000    | 6        | 6    | 8    | 627   |
| 7000    | 7        | 9    | 8    | 398   |
| 8000    | 8        | 0    | 5    | 170   |
| 9000    | 9        | 3    | 5    | 941   |
| 10000   | 10       | 6    | 6    | 712   |
| 20000   | 21       | 1    | 0    | 424   |
| 30000   | 31       | 7    | 7    | 136   |
| 40000   | 42       | 2    | 1    | 848   |
| 50000   | 53       | 8    | 7    | 560   |
| 60000   | 63       | 3    | 1    | 272   |
| 70000   | 74       | 9    | 7    | 983   |
| 80000   | 85       | 4    | 2    | 695   |
| 90000   | 95       | 10   | 8    | 407   |
| 100000  | 106      | 5    | 2    | 119   |
| 200000  | 213      | 10   | 4    | 239   |
| 300000  | 319      | 3    | 6    | 358   |
| 400000  | 426      | 8    | 8    | 477   |
| 500000  | 532      | 1    | 10   | 596   |
| 600000  | 639      | 7    | 0    | 716   |

# LINEAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 700000  | 746039   | 10  | 0    | 2    | 835   |
| 800000  | 852616   | 11  | 5    | 4    | 954   |
| 900000  | 959194   | 0   | 10   | 7    | 078   |
| 1000000 | 1065771  | 2   | 3    | 9    | 198   |

# SQUARE or SUPERFICIAL MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|----------|---------|-----|------|---|-----|
| Feet.    | Ft.     | In. | Lin. | Sec.  |     |
| 23       | 20      | 2   | 11   | 10  | 249 |
| 24       | 21      | 1   | 6    | 7   | 129 |
| 25       | 22      | 0   | 1    | 4   | 010 |
| 26       | 22      | 10  | 8    | 2   | 890 |
| 27       | 23      | 9   | 2    | 11  | 770 |
| 28       | 24      | 7   | 9    | 8   | 657 |
| 29       | 25      | 6   | 4    | 6   | 535 |
| 30       | 26      | 4   | 11   | 3   | 412 |
| 31       | 27      | 3   | 6    | 0   | 299 |
| 32       | 28      | 2   | 0    | 10  | 109 |
| 33       | 29      | 0   | 7    | 7   | 790 |
| 34       | 29      | 11  | 2    | 4   | 670 |
| 35       | 30      | 9   | 9    | 2   | 550 |
| 36       | 31      | 8   | 3    | 11  | 431 |
| 37       | 32      | 6   | 10   | 8   | 311 |
| 38       | 33      | 5   | 5    | 5   | 191 |
| 39       | 34      | 4   | 0    | 3   | 72  |
| 40       | 35      | 2   | 7    | 0   | 215 |
| 41       | 36      | 1   | 1    | 9   | 096 |
| 42       | 36      | 11  | 8    | 7   | 976 |
| 43       | 37      | 10  | 3    | 4   | 856 |
| 44       | 38      | 8   | 10   | 1   | 737 |

**SQUARE or SUPERFICIAL MEASURE.**  
*English converted into French.*

| ENGLISH. |     | FRENCH. |      |      | Decimal parts of a ft. equal to in. and parts of an inch. |
|----------|-----|---------|------|------|---|
| Ft.      | Ft. | In.     | Lin. | Sec. |   |
| 45       | 39  | 7       | 4    | 11   | 617   |
| 46       | 40  | 5       | 11   | 8    | 498   |
| 47       | 41  | 4       | 6    | 5    | 378   |
| 48       | 42  | 3       | 1    | 2    | 258   |
| 49       | 43  | 1       | 8    | 0    | 139   |
| 50       | 44  | 0       | 2    | 9    | 019   |
| 1        | 44  | 10      | 9    | 6    | 899   |
| ?        | 45  | 9       | 4    | 4    | 780   |
|          | 46  | 7       | 11   | 1    | 660   |
|          | 47  | 6       | 5    | 10   | 541   |
|          | 48  | 5       | 0    | 8    | 421   |
|          | 49  | 3       | 7    | 5    | 301   |
|          | 50  | 2       | 2    | 2    | 182   |
|          | 51  | 0       | 8    | 11   | 062   |
|          | 51  | 11      | 3    | 9    | 943   |
|          | 52  | 9       | 10   | 6    | 823   |
|          | 53  | 8       | 5    | 3    | 703   |
|          | 54  | 7       | 0    | 1    | 584   |
| 53       | 55  | 5       | 6    | 10   | 464   |
| 64       | 56  | 4       | 1    | 7    | 345   |
| 65       | 57  | 2       | 8    | 5    | 225   |
| 66       | 58  | 1       | 3    | 2    | 105   |

# SQUARE & SUPERFICIAL MEASURE.

*English converted into French.*

| ENGLISH.          | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|-------------------|---------|-----|------|------|---|
| Ft. In. Lin. Sec. | Ft.     | In. | Lin. | Sec. |   |
| 67                | 58      | 11  | 9    | 11   | 986   |
| 68                | 59      | 10  | 4    | 9    | 866   |
| 69                | 60      | 8   | 11   | 6    | 746   |
| 70                | 61      | 7   | 6    | 3    | 627   |
| 71                | 62      | 6   | 1    | 0    | 507   |
| 72                | 63      | 4   | 7    | 10   | 388   |
| 73                | 64      | 3   | 2    | 7    | 268   |
| 74                | 65      | 1   | 9    | 4    | 148   |
| 75                | 66      | 0   | 4    | 2    | 029   |
| 76                | 66      | 10  | 10   | 11   | 909   |
| 77                | 67      | 9   | 5    | 8    | 790   |
| 78                | 68      | 8   | 0    | 6    | 670   |
| 79                | 69      | 6   | 7    | 3    | 550   |
| 80                | 70      | 5   | 2    | 0    | 431   |
| 81                | 71      | 4   | 8    | 7    | 311   |
| 82                | 72      | 2   | 3    | 4    | 191   |
| 83                | 73      | 0   | 10   | 4    | 072   |
| 84                | 73      | 11  | 5    | 1    | 952   |
| 85                | 74      | 9   | 11   | 11   | 833   |
| 86                | 75      | 8   | 6    | 8    | 713   |
| 87                | 76      | 7   | 1    | 5    | 593   |
| 88                | 77      | 5   | 8    | 3    | 474   |



SQU

**SQUARE or SUPERFICIAL MEASURE.**

*English converted into French.*

ENG.

| ENGLISH. |  | FRENCH. |     |      | Decimal parts of a ft. equal to in. and parts of an inch. |     |
|----------|--|---------|-----|------|---|-----|
| Ft.      |  | Ft.     | In. | Lin. | Sec.  |     |
| 89       |  | 78      | 4   | 13   | 0   | 354 |
| 90       |  | 79      | 2   | 29   | 9   | 235 |
| 91       |  | 80      | 1   | 4    | 16  | 115 |
| 92       |  | 80      | 11  | 11   | 4   | 995 |
| 93       |  | 81      | 10  | 6    | 1   | 876 |
| 94       |  | 82      | 9   | 0    | 10  | 758 |
| 95       |  | 83      | 7   | 7    | 8   | 636 |
| 96       |  | 84      | 6   | 2    | 5   | 517 |
| 97       |  | 85      | 4   | 9    | 2   | 397 |
| 98       |  | 86      | 3   | 4    | 0   | 279 |
| 99       |  | 87      | 1   | 10   | 9   | 158 |
| 100      |  | 88      | 0   | 5    | 6   | 038 |
| 200      |  | 176     | 0   | 11   | 1   | 077 |
| 300      |  | 264     | 1   | 4    | 7   | 115 |
| 400      |  | 352     | 1   | 10   | 1   | 154 |
| 500      |  | 440     | 2   | 3    | 8   | 192 |
| 600      |  | 528     | 2   | 9    | 2   | 230 |
| 700      |  | 616     | 3   | 2    | 8   | 269 |
| 800      |  | 704     | 3   | 8    | 2   | 307 |
| 900      |  | 792     | 4   | 1    | 9   | 345 |
| 1000     |  | 880     | 4   | 7    | 3   | 384 |
| 2000     |  | 1760    | 9   | 2    | 6   | 768 |

**MEASURE.**

*French*

Decimal parts of a  
ft. equal to in. and  
parts of an inch.

**SQUARE or SUPERFICIAL MEASURE.**

*French converted into English.*

| FRENCH. |        |     | ENGLISH. |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|--------|-----|----------|------|------|---|
| In.     | Lin.   | Ft. | In.      | Lin. | Sec. |   |
| 354     | 0 1    | 0   | 0        | 1    | 2    | 008   |
| 235     | 0 2    | 0   | 0        | 2    | 3    | 016   |
| 115     | 0 3    | 0   | 0        | 3    | 5    | 024   |
| 995     | 0 4    | 0   | 0        | 4    | 6    | 032   |
| 876     | 0 5    | 0   | 0        | 5    | 8    | 039   |
| 758     | 0 6    | 0   | 0        | 6    | 10   | 047   |
| 636     | 0 7    | 0   | 0        | 7    | 11   | 055   |
| 517     | 0 8    | 0   | 0        | 9    | 1    | 063   |
| 397     | 0 9    | 0   | 0        | 10   | 3    | 071   |
| 278     | 0 10   | 0   | 0        | 11   | 4    | 079   |
| 158     | 0 11   | 0   | 1        | 0    | 6    | 087   |
| 038     | 0 1 0  | 0   | 1        | 1    | 7    | 095   |
| 077     | 0 2 0  | 0   | 2        | 8    | 3    | 189   |
| 115     | 0 3 0  | 0   | 3        | 4    | 11   | 284   |
| 154     | 0 4 0  | 0   | 4        | 6    | 6    | 379   |
| 192     | 0 5 0  | 0   | 5        | 8    | 2    | 473   |
| 230     | 0 6 0  | 0   | 6        | 9    | 9    | 568   |
| 269     | 0 7 0  | 0   | 7        | 11   | 5    | 663   |
| 307     | 0 8 0  | 0   | 9        | 1    | 0    | 757   |
| 345     | 0 9 0  | 0   | 10       | 2    | 8    | 852   |
| 384     | 0 10 0 | 0   | 11       | 4    | 4    | 947   |
| 768     | 0 11 0 | 1   | 0        | 5    | 11   | 041   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| <b>FRENCH.</b> | <b>ENGLISH.</b> |            |             |             | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------------|-----------------|------------|-------------|-------------|---|
| <b>Feet.</b>   | <b>Ft.</b>      | <b>In.</b> | <b>Lin.</b> | <b>Sec.</b> |   |
| 1              | 1               | 1          | 7           | 7           | 136   |
| 2              | 2               | 3          | 3           | 1           | 272   |
| 3              | 3               | 4          | 10          | 8           | 408   |
| 4              | 4               | 6          | 6           | 3           | 543   |
| 5              | 5               | 8          | 1           | 10          | 679   |
| 6              | 6               | 9          | 9           | 5           | 815   |
| 7              | 7               | 11         | 4           | 11          | 951   |
| 8              | 9               | 1          | 0           | 6           | 087   |
| 9              | 10              | 2          | 8           | 1           | 223   |
| 10             | 11              | 4          | 3           | 8           | 359   |
| 11             | 12              | 5          | 11          | 2           | 495   |
| 12             | 13              | 7          | 6           | 9           | 630   |
| 13             | 14              | 9          | 2           | 4           | 766   |
| 14             | 15              | 10         | 9           | 11          | 902   |
| 15             | 17              | 0          | 5           | 6           | 038   |
| 16             | 18              | 2          | 1           | 0           | 174   |
| 17             | 19              | 3          | 8           | 7           | 310   |
| 18             | 20              | 5          | 4           | 2           | 446   |
| 19             | 21              | 6          | 11          | 9           | 581   |
| 20             | 22              | 8          | 7           | 4           | 717   |
| 21             | 23              | 10         | 2           | 10          | 853   |
| 22             | 24              | 11         | 10          | 5           | 989   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| <b>FRENCH.</b> | <b>ENGLISH.</b> |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|----------------|-----------------|-----|------|---|-----|
| Feet.          | Ft.             | In. | Lin. | Sec.  |     |
| 23             | 26              | 1   | 6    | 0   | 125 |
| 24             | 27              | 3   | 1    | 7   | 261 |
| 25             | 28              | 4   | 9    | 1   | 397 |
| 26             | 29              | 6   | 4    | 8   | 533 |
| 27             | 30              | 8   | 0    | :   | 668 |
| 28             | 31              | 9   | 7    | 10  | 804 |
| 29             | 32              | 11  | 3    | 5   | 940 |
| 30             | 34              | 0   | 10   | 11  | 076 |
| 31             | 35              | 2   | 6    | 6   | 212 |
| 32             | 36              | 4   | 2    | 1   | 348 |
| 33             | 37              | 5   | 9    | 8   | 484 |
| 34             | 38              | 7   | 5    | 2   | 620 |
| 35             | 39              | 9   | 0    | 9   | 755 |
| 36             | 40              | 10  | 8    | 4   | 891 |
| 37             | 42              | 0   | 3    | 11  | 027 |
| 38             | 43              | 1   | 11   | 6   | 163 |
| 39             | 44              | 3   | 7    | 0   | 299 |
| 40             | 45              | 5   | 2    | 7   | 435 |
| 41             | 46              | 6   | 10   | 2   | 571 |
| 42             | 47              | 8   | 5    | 9   | 706 |
| 43             | 48              | 10  | 1    | 3   | 842 |
| 44             | 49              | 11  | 8    | 10  | 978 |

# SQUARE or SUPERFICIAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 45      | 51       | 1   | 4    | 5    | 114   |
| 46      | 52       | 3   | 0    | 0    | 250   |
| 47      | 53       | 4   | 7    | 7    | 386   |
| 48      | 54       | 6   | 3    | 1    | 522   |
| 49      | 55       | 7   | 10   | 8    | 658   |
| 50      | 56       | 9   | 6    | 3    | 793   |
| 51      | 57       | 11  | 1    | 10   | 930   |
| 52      | 59       | 0   | 9    | 4    | 065   |
| 53      | 60       | 2   | 4    | 11   | 201   |
| 54      | 61       | 4   | 0    | 6    | 337   |
| 55      | 62       | 5   | 8    | 1    | 473   |
| 56      | 63       | 7   | 3    | 8    | 609   |
| 57      | 64       | 8   | 11   | 2    | 744   |
| 58      | 65       | 10  | 6    | 9    | 880   |
| 59      | 67       | 0   | 2    | 4    | 016   |
| 60      | 68       | 1   | 9    | 11   | 152   |
| 61      | 69       | 3   | 5    | 5    | 288   |
| 62      | 70       | 5   | 1    | 0    | 424   |
| 68      | 71       | 6   | 8    | 7    | 560   |
| 64      | 72       | 8   | 4    | 2    | 696   |
| 65      | 73       | 9   | 11   | 9    | 831   |
| 66      | 74       | 11  | 7    | 3    | 967   |

# SQUARE or SUPERFICIAL MEASURE.

*French converted into English.*

| FRENCH. |     | ENGLISH. |       |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|-----|----------|-------|------|---|
| Ft.     | Ft. | In.      | l.in. | Sec. |   |
| 67      | 76  | 1        | 2     | 10   | 103   |
| 68      | 77  | 2        | 10    | 5    | 239   |
| 69      | 78  | 4        | 6     | 0    | 375   |
| 70      | 79  | 6        | 1     | 7    | 511   |
| 71      | 80  | 7        | 9     | 1    | 647   |
| 72      | 81  | 9        | 4     | 8    | 783   |
| 73      | 82  | 11       | 0     | 3    | 918   |
| 74      | 84  | 0        | 7     | 10   | 054   |
| 75      | 85  | 2        | 3     | 4    | 190   |
| 76      | 86  | 3        | 10    | 11   | 326   |
| 77      | 87  | 5        | 6     | 6    | 462   |
| 78      | 88  | 7        | 2     | 1    | 598   |
| 79      | 89  | 8        | 9     | 8    | 734   |
| 80      | 90  | 10       | 5     | 2    | 870   |
| 81      | 92  | 0        | 0     | 9    | 005   |
| 82      | 93  | 1        | 8     | 4    | 141   |
| 83      | 94  | 3        | 3     | 11   | 277   |
| 84      | 95  | 4        | 11    | 5    | 413   |
| 85      | 96  | 6        | 7     | 0    | 549   |
| 86      | 97  | 8        | 2     | 7    | 685   |
| 87      | 98  | 9        | 10    | 2    | 821   |
| 88      | 99  | 11       | 5     | 9    | 956   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |       | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|-------|---|
| Ft.     | Ft.      | In. | Lin. | Secs. |   |
| 89      | 101      | 1   | 1    | 3     | 092   |
| 90      | 102      | 2   | 8    | 10    | 228   |
| 91      | 103      | 4   | 4    | 5     | 364   |
| 92      | 104      | 6   | 0    | 0     | 500   |
| 93      | 105      | 7   | 7    | 6     | 636   |
| 94      | 106      | 9   | 3    | 1     | 772   |
| 95      | 107      | 10  | 10   | 8     | 907   |
| 96      | 109      | 0   | 6    | 3     | 043   |
| 97      | 110      | 2   | 1    | 10    | 179   |
| 98      | 111      | 3   | 9    | 4     | 315   |
| 99      | 112      | 5   | 4    | 11    | 451   |
| 100     | 113      | 7   | 0    | 6     | 587   |
| 200     | 227      | 2   | 1    | 0     | 174   |
| 300     | 340      | 9   | 1    | 6     | 760   |
| 400     | 454      | 4   | 2    | 0     | 347   |
| 500     | 567      | 11  | 2    | 6     | 934   |
| 600     | 681      | 6   | 3    | 0     | 521   |
| 700     | 795      | 1   | 3    | 6     | 108   |
| 800     | 908      | 8   | 4    | 0     | 695   |
| 900     | 1022     | 3   | 4    | 6     | 281   |
| 1000    | 1135     | 10  | 5    | 0     | 868   |
| 2000    | 2271     | 8   | 10   | 1     | 736   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 3000    | 3407     | 7   | 3    | 1    | 605   |
| 4000    | 4543     | 5   | 8    | 1    | 473   |
| 5000    | 5679     | 4   | 1    | 1    | 341   |
| 6000    | 6815     | 2   | 6    | 2    | 209   |
| 7000    | 7951     | 0   | 11   | 2    | 078   |
| 8000    | 9086     | 11  | 4    | 2    | 946   |
| 9000    | 10222    | 9   | 9    | 3    | 814   |
| 10000   | 11358    | 8   | 2    | 3    | 682   |
| 20000   | 22717    | 4   | 4    | 6    | 365   |
| 30000   | 34076    | 0   | 6    | 9    | 047   |
| 40000   | 45434    | 8   | 9    | 0    | 729   |
| 50000   | 56793    | 4   | 11   | 3    | 412   |
| 60000   | 68152    | 1   | 1    | 6    | 094   |
| 70000   | 79510    | 9   | 3    | 10   | 776   |
| 80000   | 90869    | 5   | 6    | 1    | 459   |
| 90000   | 102228   | 1   | 8    | 4    | 141   |
| 100000  | 113586   | 9   | 10   | 7    | 823   |
| 200000  | 227173   | 7   | 9    | 2    | 647   |
| 300000  | 340760   | 5   | 7    | 9    | 470   |
| 400000  | 454347   | 3   | 6    | 4    | 294   |
| 500000  | 567934   | 1   | 4    | 11   | 117   |
| 600000  | 681520   | 11  | 3    | 6    | 941   |



# SQUARE or SUPERFICIAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |      |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|---------|----------|------|------|------|---|-----|
| Ft.     | Ft.      | In.  | Lin. | Sec. |   |     |
| 700000  | 795      | 107  | 9    | 2    | 1   | 764 |
| 800000  | 908      | 694  | 7    | 0    | 8   | 588 |
| 900000  | 1022     | 281  | 4    | 11   | 3   | 411 |
| 1000000 | 1135     | 868  | 2    | 9    | 10  | 235 |
| 1100000 | 1249     | 155  | 1    | 11   | 10  | 168 |
| 1200000 | 1363     | 224  | 0    | 12   | 10  | 101 |
| 1300000 | 1477     | 293  | 0    | 13   | 10  | 34  |
| 1400000 | 1591     | 362  | 0    | 14   | 10  | 0   |
| 1500000 | 1705     | 431  | 0    | 15   | 10  | 0   |
| 1600000 | 1819     | 500  | 0    | 16   | 10  | 0   |
| 1700000 | 1933     | 569  | 0    | 17   | 10  | 0   |
| 1800000 | 2047     | 638  | 0    | 18   | 10  | 0   |
| 1900000 | 2161     | 707  | 0    | 19   | 10  | 0   |
| 2000000 | 2275     | 776  | 0    | 20   | 10  | 0   |
| 2100000 | 2389     | 845  | 0    | 21   | 10  | 0   |
| 2200000 | 2503     | 914  | 0    | 22   | 10  | 0   |
| 2300000 | 2617     | 983  | 0    | 23   | 10  | 0   |
| 2400000 | 2731     | 1052 | 0    | 24   | 10  | 0   |
| 2500000 | 2845     | 1121 | 0    | 25   | 10  | 0   |
| 2600000 | 2959     | 1190 | 0    | 26   | 10  | 0   |
| 2700000 | 3073     | 1259 | 0    | 27   | 10  | 0   |
| 2800000 | 3187     | 1328 | 0    | 28   | 10  | 0   |
| 2900000 | 3301     | 1397 | 0    | 29   | 10  | 0   |
| 3000000 | 3415     | 1466 | 0    | 30   | 10  | 0   |

**SOLID MEASURE,**  
*English converted into French.*

| ENGLISH. |     |      | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|-----|------|---------|-----|------|------|---|
| Ft.      | In. | Lin. | Ft.     | In. | Lin. | Sec. |   |
| 0        | 0   | 1    | 0       | 0   | 0    | 10   | 006   |
| 0        | 0   | 2    | 0       | 0   | 1    | 8    | 011   |
| 0        | 0   | 3    | 0       | 0   | 2    | 6    | 017   |
| 0        | 0   | 4    | 0       | 0   | 3    | 4    | 023   |
| 0        | 0   | 5    | 0       | 0   | 4    | 1    | 029   |
| 0        | 0   | 6    | 0       | 0   | 4    | 11   | 034   |
| 0        | 0   | 7    | 0       | 0   | 5    | 9    | 040   |
| 0        | 0   | 8    | 0       | 0   | 6    | 7    | 046   |
| 0        | 0   | 9    | 0       | 0   | 7    | 5    | 052   |
| 0        | 0   | 10   | 0       | 0   | 8    | 3    | 057   |
| 0        | 0   | 11   | 0       | 0   | 9    | 1    | 063   |
| 0        | 1   | 0    | 0       | 0   | 9    | 11   | 069   |
| 0        | 2   | 0    | 0       | 1   | 7    | 10   | 138   |
| 0        | 3   | 0    | 0       | 2   | 5    | 9    | 207   |
| 0        | 4   | 0    | 0       | 3   | 3    | 8    | 275   |
| 0        | 5   | 0    | 0       | 4   | 1    | 7    | 344   |
| 0        | 6   | 0    | 0       | 4   | 11   | 6    | 413   |
| 0        | 7   | 0    | 0       | 5   | 9    | 5    | 482   |
| 0        | 8   | 0    | 0       | 6   | 7    | 4    | 551   |
| 0        | 9   | 0    | 0       | 7   | 5    | 2    | 620   |
| 0        | 10  | 0    | 0       | 8   | 3    | 1    | 688   |
| 0        | 11  | 0    | 0       | 9   | 1    | 0    | 757   |

# SOLID MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in and<br>parts of an inch. |
|----------|---------|-----|------|------|--|
| Feet.    | Ft.     | In. | Lin. | Sec. |  |
| 1        | 0       | 9   | 10   | 1    | 86   |
| 2        | 1       | 7   | 9    | 11   | 652  |
| 3        | 2       | 5   | 8    | 10   | 478  |
| 4        | 3       | 3   | 7    | 10   | 304  |
| 5        | 4       | 1   | 6    | 9    | 130  |
| 6        | 4       | 11  | 5    | 8    | 965  |
| 7        | 5       | 9   | 4    | 8    | 782  |
| 8        | 6       | 7   | 3    | 7    | 608  |
| 9        | 7       | 5   | 2    | 7    | 434  |
| 10       | 8       | 3   | 1    | 6    | 261  |
| 11       | 9       | 1   | 0    | 4    | 087  |
| 12       | 9       | 10  | 11   | 5    | 913  |
| 13       | 10      | 8   | 10   | 4    | 739  |
| 14       | 11      | 6   | 9    | 4    | 565  |
| 15       | 12      | 4   | 8    | 3    | 391  |
| 16       | 13      | 2   | 7    | 3    | 217  |
| 17       | 14      | 0   | 6    | 2    | 043  |
| 18       | 14      | 10  | 5    | 1    | 669  |
| 19       | 15      | 8   | 4    | 1    | 695  |
| 20       | 16      | 6   | 3    | 0    | 521  |
| 21       | 17      | 4   | 2    | 0    | 347  |
| 22       | 18      | 2   | 0    | 11   | 178  |

## SOLID MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |       |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|-------|------|---|
| Feet.    | Ft.     | In. | l.in. | Sec. |   |
| 23       | 18      | 11  | 11    | 11   | 999   |
| 24       | 19      | 9   | 10    | 10   | 825   |
| 25       | 20      | 7   | 9     | 9    | 651   |
| 26       | 21      | 5   | 8     | 9    | 477   |
| 27       | 22      | 3   | 7     | 8    | 303   |
| 28       | 23      | 1   | 6     | 8    | 129   |
| 29       | 23      | 11  | 5     | 7    | 956   |
| 30       | 24      | 9   | 4     | 7    | 782   |
| 31       | 25      | 7   | 3     | 6    | 608   |
| 32       | 26      | 5   | 2     | 5    | 434   |
| 33       | 27      | 3   | 1     | 5    | 260   |
| 34       | 28      | 1   | 0     | 4    | 086   |
| 35       | 28      | 10  | 11    | 4    | 912   |
| 36       | 29      | 8   | 10    | 3    | 738   |
| 37       | 30      | 6   | 9     | 2    | 564   |
| 38       | 31      | 4   | 8     | 2    | 390   |
| 39       | 32      | 2   | 7     | 1    | 216   |
| 40       | 33      | 0   | 6     | 1    | 042   |
| 41       | 33      | 10  | 5     | 0    | 868   |
| 42       | 34      | 8   | 4     | 0    | 694   |
| 43       | 35      | 6   | 2     | 11   | 520   |
| 44       | 36      | 4   | 1     | 10   | 846   |

# SOLID MEASURE.

*English converted into French.*

| ENGLISH. |     | FRENCH. |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|-----|---------|------|------|---|
| Ft.      | Ft. | In.     | Lin. | Sec. |   |
| 45       | 87  | 2       | 0    | 10   | 172   |
| 46       | 87  | 11      | 11   | 9    | 998   |
| 47       | 88  | 9       | 10   | 9    | 825   |
| 48       | 89  | 7       | 9    | 8    | 651   |
| 49       | 40  | 5       | 8    | 7    | 477   |
| 50       | 41  | 3       | 7    | 7    | 303   |
| 51       | 42  | 1       | 6    | 6    | 129   |
| 52       | 42  | 11      | 5    | 6    | 955   |
| 53       | 43  | 9       | 4    | 5    | 781   |
| 54       | 44  | 7       | 3    | 5    | 607   |
| 55       | 45  | 5       | 2    | 4    | 433   |
| 56       | 46  | 3       | 1    | 3    | 259   |
| 57       | 47  | 1       | 0    | 3    | 85  |
| 58       | 47  | 10      | 11   | 2    | 911   |
| 59       | 48  | 8       | 10   | 2    | 737   |
| 60       | 49  | 6       | 9    | 1    | 563   |
| 61       | 50  | 4       | 8    | 1    | 389   |
| 62       | 51  | 2       | 7    | 0    | 215   |
| 63       | 52  | 0       | 5    | 11   | 41  |
| 64       | 52  | 10      | 4    | 11   | 867   |
| 65       | 53  | 8       | 3    | 10   | 693   |
| 66       | 54  | 6       | 2    | 10   | 520   |

# SOLID MEASURE.

*English converted into French.*

| ENGLISH. | FRENCH. |     |      |      |  | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|--|---|
| Ft.      | Ft.     | In. | lin. | Sec. |  |   |
| 67       | 55      | 4   | 1    | 9    |  | 346   |
| 68       | 56      | 2   | 0    | 8    |  | 172   |
| 69       | 56      | 11  | 11   | 8    |  | 998   |
| 70       | 57      | 9   | 10   | 7    |  | 824   |
| 71       | 58      | 7   | 9    | 7    |  | 650   |
| 72       | 59      | 5   | 8    | 6    |  | 476   |
| 73       | 60      | 3   | 7    | 6    |  | 302   |
| 74       | 61      | 1   | 6    | 5    |  | 128   |
| 75       | 61      | 11  | 5    | 4    |  | 954   |
| 76       | 62      | 9   | 4    | 4    |  | 780   |
| 77       | 63      | 7   | 3    | 3    |  | 606   |
| 78       | 64      | 5   | 2    | 3    |  | 432   |
| 79       | 65      | 3   | 1    | 2    |  | 258   |
| 80       | 66      | 1   | 0    | 2    |  | 84  |
| 81       | 66      | 10  | 11   | 1    |  | 910   |
| 82       | 67      | 8   | 10   | 0    |  | 736   |
| 83       | 68      | 6   | 9    | 0    |  | 562   |
| 84       | 69      | 4   | 7    | 11   |  | 388   |
| 85       | 70      | 2   | 6    | 11   |  | 214   |
| 86       | 71      | 0   | 5    | 10   |  | 41  |
| 87       | 71      | 10  | 4    | 9    |  | 867   |
| 88       | 72      | 8   | 3    | 8    |  | 693   |

## SOLID MEASURE.

*English converted into French*

| ENGLISH. | FRENCH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------|---------|-----|------|------|---|
| Ft.      | Ft.     | In. | Lin. | Sec. |   |
| 80       | 73      | 6   | 2    | 8    | 519   |
| 90       | 74      | 4   | 1    | 8    | 345   |
| 91       | 75      | 2   | 0    | 7    | 171   |
| 92       | 75      | 11  | 11   | 7    | 997   |
| 93       | 76      | 9   | 10   | 6    | 828   |
| 94       | 77      | 7   | 9    | 5    | 649   |
| 95       | 78      | 5   | 8    | 5    | 475   |
| 96       | 79      | 3   | 7    | 4    | 301   |
| 97       | 80      | 1   | 6    | 4    | 127   |
| 98       | 80      | 11  | 5    | 3    | 953   |
| 99       | 81      | 9   | 4    | 2    | 779   |
| 100      | 82      | 7   | 3    | 2    | 605   |
| 200      | 165     | 2   | 6    | 4    | 211   |
| 300      | 247     | 9   | 9    | 6    | 816   |
| 400      | 330     | 5   | 0    | 8    | 421   |
| 500      | 413     | 0   | 3    | 10   | 027   |
| 600      | 495     | 7   | 7    | 0    | 632   |
| 700      | 578     | 2   | 10   | 2    | 287   |
| 800      | 660     | 10  | 1    | 4    | 843   |
| 900      | 743     | 5   | 4    | 6    | 448   |
| 1000     | 826     | 0   | 7    | 8    | 053   |
| 2000     | 1652    | 1   | 13   | 4    | 107   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. |     |      | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|-----|------|----------|-----|------|------|---|
| Ft.     | In. | Lin. | Ft.      | In. | Lin. | Sec. |   |
| 0       | 0   | 1    | 0        | 0   | 1    | 2    | 008   |
| 0       | 0   | 2    | 0        | 0   | 2    | 3    | 016   |
| 0       | 0   | 3    | 0        | 0   | 3    | 5    | 024   |
| 0       | 0   | 4    | 0        | 0   | 4    | 6    | 032   |
| 0       | 0   | 5    | 0        | 0   | 5    | 8    | 039   |
| 0       | 0   | 6    | 0        | 0   | 6    | 10   | 047   |
| 0       | 0   | 7    | 0        | 0   | 7    | 11   | 055   |
| 0       | 0   | 8    | 0        | 0   | 9    | 1    | 063   |
| 0       | 0   | 9    | 0        | 0   | 10   | 3    | 071   |
| 0       | 0   | 10   | 0        | 0   | 11   | 4    | 079   |
| 0       | 0   | 11   | 0        | 1   | 0    | 6    | 087   |
| 0       | 1   | 0    | 0        | 1   | 1    | 7    | 095   |
| 0       | 2   | 0    | 0        | 2   | 3    | 3    | 189   |
| 0       | 3   | 0    | 0        | 3   | 4    | 11   | 284   |
| 0       | 4   | 0    | 0        | 4   | 6    | 6    | 379   |
| 0       | 5   | 0    | 0        | 5   | 8    | 2    | 473   |
| 0       | 6   | 0    | 0        | 6   | 9    | 9    | 568   |
| 0       | 7   | 0    | 0        | 7   | 11   | 5    | 663   |
| 0       | 8   | 0    | 0        | 9   | 1    | 0    | 757   |
| 0       | 9   | 0    | 0        | 10  | 2    | 8    | 852   |
| 0       | 10  | 0    | 0        | 11  | 4    | 4    | 947   |
| 0       | 11  | 0    | 1        | 0   | 5    | 11   | 041   |



**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in and<br>parts of an inch. |
|---------|----------|-----|------|------|--|
| Feet.   | Ft.      | In. | Lin. | Sec. |  |
| 1       | 1        | 1   | 7    | 7    | 136  |
| 2       | 2        | 3   | 3    | 1    | 272  |
| 3       | 3        | 4   | 10   | 8    | 408  |
| 4       | 4        | 6   | 6    | 3    | 543  |
| 5       | 5        | 8   | 1    | 10   | 679  |
| 6       | 6        | 9   | 9    | 5    | 815  |
| 7       | 7        | 11  | 4    | 11   | 951  |
| 8       | 9        | 1   | 0    | 6    | 087  |
| 9       | 10       | 2   | 8    | 1    | 223  |
| 10      | 11       | 4   | 3    | 8    | 359  |
| 11      | 12       | 5   | 11   | 2    | 495  |
| 12      | 13       | 7   | 6    | 9    | 630  |
| 13      | 14       | 9   | 2    | 4    | 766  |
| 14      | 15       | 10  | 9    | 11   | 902  |
| 15      | 17       | 0   | 5    | 6    | 038  |
| 16      | 18       | 2   | 1    | 0    | 174  |
| 17      | 19       | 3   | 8    | 7    | 310  |
| 18      | 20       | 5   | 4    | 2    | 446  |
| 19      | 21       | 6   | 11   | 9    | 581  |
| 20      | 22       | 8   | 7    | 4    | 717  |
| 21      | 23       | 10  | 2    | 10   | 853  |
| 22      | 24       | 11  | 10   | 5    | 989  |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Feet.   | Ft.      | In. | Lin. | Sec. |   |
| 23      | 26       | 1   | 6    | 0    | 125   |
| 24      | 27       | 3   | 1    | 7    | 261   |
| 25      | 28       | 4   | 9    | 1    | 397   |
| 26      | 29       | 6   | 4    | 8    | 533   |
| 27      | 30       | 8   | 0    | :    | 668   |
| 28      | 31       | 9   | 7    | 10   | 804   |
| 29      | 32       | 11  | 3    | 5    | 940   |
| 30      | 34       | 0   | 10   | 11   | 076   |
| 31      | 35       | 2   | 6    | 6    | 212   |
| 32      | 36       | 4   | 2    | 1    | 348   |
| 33      | 37       | 5   | 9    | 8    | 484   |
| 34      | 38       | 7   | 5    | 2    | 620   |
| 35      | 39       | 9   | 0    | 9    | 755   |
| 36      | 40       | 10  | 8    | 4    | 891   |
| 37      | 42       | 0   | 3    | 11   | 027   |
| 38      | 43       | 1   | 11   | 6    | 163   |
| 39      | 44       | 3   | 7    | 0    | 299   |
| 10      | 45       | 5   | 2    | 7    | 435   |
| 41      | 46       | 6   | 10   | 2    | 571   |
| 42      | 47       | 8   | 5    | 9    | 706   |
| 43      | 48       | 10  | 1    | 3    | 842   |
| 44      | 49       | 11  | 8    | 10   | 978   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. |     | ENGLISH. |      |      |     | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|-----|----------|------|------|-----|---|
| Pt.     | Pt. | In.      | Lin. | Sec. |     |   |
| 45      | 51  | 1        | 4    | 5    | 114 |   |
| 46      | 52  | 3        | 0    | 0    | 250 |   |
| 47      | 53  | 4        | 7    | 7    | 386 |   |
| 48      | 54  | 6        | 3    | 1    | 522 |   |
| 49      | 55  | 7        | 10   | 8    | 658 |   |
| 50      | 56  | 9        | 6    | 3    | 793 |   |
| 51      | 57  | 11       | 1    | 10   | 930 |   |
| 52      | 59  | 0        | 9    | 4    | 065 |   |
| 53      | 60  | 2        | 4    | 11   | 201 |   |
| 54      | 61  | 4        | 0    | 6    | 337 |   |
| 55      | 62  | 5        | 8    | 1    | 473 |   |
| 56      | 63  | 7        | 3    | 8    | 609 |   |
| 57      | 64  | 8        | 11   | 2    | 744 |   |
| 58      | 65  | 10       | 6    | 9    | 880 |   |
| 59      | 67  | 0        | 2    | 4    | 016 |   |
| 60      | 68  | 1        | 9    | 11   | 152 |   |
| 61      | 69  | 3        | 5    | 5    | 288 |   |
| 62      | 70  | 5        | 1    | 0    | 424 |   |
| 63      | 71  | 6        | 8    | 7    | 560 |   |
| 64      | 72  | 8        | 4    | 2    | 696 |   |
| 65      | 73  | 9        | 11   | 9    | 831 |   |
| 66      | 74  | 11       | 7    | 3    | 967 |   |

# SQUARE or SUPERFICIAL MEASURE.

*French converted into English.*

| FRENCH. | ENGLISH. |     |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |     |
|---------|----------|-----|------|---|-----|
| Ft.     | Ft.      | In. | Lin. | Sec.  |     |
| 67      | 76       | 1   | 2    | 10  | 108 |
| 68      | 77       | 2   | 10   | 5   | 239 |
| 69      | 78       | 4   | 6    | 0   | 375 |
| 70      | 79       | 6   | 1    | 7   | 511 |
| 71      | 80       | 7   | 9    | 1   | 647 |
| 72      | 81       | 9   | 4    | 8   | 783 |
| 73      | 82       | 11  | 0    | 3   | 918 |
| 74      | 84       | 0   | 7    | 10  | 054 |
| 75      | 85       | 2   | 3    | 4   | 190 |
| 76      | 86       | 3   | 10   | 11  | 326 |
| 77      | 87       | 5   | 6    | 6   | 462 |
| 78      | 88       | 7   | 2    | 1   | 598 |
| 79      | 89       | 8   | 9    | 8   | 734 |
| 80      | 90       | 10  | 5    | 2   | 870 |
| 81      | 92       | 0   | 0    | 9   | 005 |
| 82      | 93       | 1   | 8    | 4   | 141 |
| 83      | 94       | 3   | 3    | 11  | 277 |
| 84      | 95       | 4   | 11   | 5   | 413 |
| 85      | 96       | 6   | 7    | 0   | 549 |
| 86      | 97       | 8   | 2    | 7   | 685 |
| 87      | 98       | 9   | 10   | 2   | 821 |
| 88      | 99       | 11  | 5    | 9   | 957 |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| <b>FRENCH.</b> | <b>ENGLISH.</b> |            |             |             | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|----------------|-----------------|------------|-------------|-------------|---|
| <b>Ft.</b>     | <b>Ft.</b>      | <b>In.</b> | <b>Lin.</b> | <b>Sec.</b> |   |
| 89             | 101             | 1          | 1           | 3           | 092   |
| 90             | 102             | 2          | 8           | 10          | 228   |
| 91             | 103             | 4          | 4           | 5           | 364   |
| 92             | 104             | 6          | 0           | 0           | 500   |
| 93             | 105             | 7          | 7           | 6           | 636   |
| 94             | 106             | 9          | 3           | 1           | 772   |
| 95             | 107             | 10         | 10          | 8           | 907   |
| 96             | 109             | 0          | 6           | 3           | 043   |
| 97             | 110             | 2          | 1           | 10          | 179   |
| 98             | 111             | 3          | 9           | 4           | 315   |
| 99             | 112             | 5          | 4           | 11          | 451   |
| 100            | 113             | 7          | 0           | 6           | 587   |
| 200            | 227             | 2          | 1           | 0           | 174   |
| 300            | 340             | 9          | 1           | 6           | 760   |
| 400            | 454             | 4          | 2           | 0           | 347   |
| 500            | 567             | 11         | 2           | 0           | 934   |
| 600            | 681             | 6          | 3           | 0           | 521   |
| 700            | 795             | 1          | 3           | 6           | 108   |
| 800            | 908             | 8          | 4           | 0           | 695   |
| 900            | 1022            | 3          | 4           | 6           | 281   |
| 1000           | 1135            | 10         | 5           | 0           | 868   |
| 2000           | 2271            | 8          | 10          | 1           | 736   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and<br>parts of an inch. |
|---------|----------|-----|------|------|---|
| Ft.     | Ft.      | In. | Lin. | Sec. |   |
| 3000    | 3407     | 7   | 3    | 1    | 605   |
| 4000    | 4543     | 5   | 8    | 1    | 473   |
| 5000    | 5679     | 4   | 1    | 1    | 341   |
| 6000    | 6815     | 2   | 6    | 2    | 209   |
| 7000    | 7951     | 0   | 11   | 2    | 078   |
| 8000    | 9086     | 11  | 4    | 2    | 946   |
| 9000    | 10222    | 9   | 9    | 3    | 814   |
| 10000   | 11358    | 8   | 2    | 3    | 682   |
| 20000   | 22717    | 4   | 4    | 6    | 365   |
| 30000   | 34076    | 0   | 6    | 9    | 047   |
| 40000   | 45434    | 8   | 9    | 0    | 729   |
| 50000   | 56793    | 4   | 11   | 3    | 412   |
| 60000   | 68152    | 1   | 1    | 6    | 094   |
| 70000   | 79510    | 9   | 3    | 10   | 776   |
| 80000   | 90869    | 5   | 6    | 1    | 459   |
| 90000   | 102228   | 1   | 8    | 4    | 141   |
| 100000  | 113586   | 9   | 10   | 7    | 823   |
| 200000  | 227173   | 7   | 9    | 2    | 647   |
| 300000  | 340760   | 5   | 7    | 9    | 470   |
| 400000  | 454347   | 3   | 6    | 4    | 294   |
| 500000  | 567934   | 1   | 4    | 11   | 117   |
| 600000  | 681520   | 11  | 3    | 6    | 941   |

**SQUARE or SUPERFICIAL MEASURE.**  
*French converted into English.*

| FRENCH. | ENGLISH. |     |      |      | Decimal parts of a<br>ft. equal to in. and |
|---------|----------|-----|------|------|--|
| Pt.     | Ft.      | In. | Lin. | Sec. | parts of an inch.                          |
| 700000  | 795107   | 9   | 2    | 1    | 764  |
| 800000  | 908694   | 7   | 0    | 8    | 588  |
| 900000  | 1022281  | 4   | 11   | 8    | 411  |
| 1000000 | 1135868  | 2   | 9    | 10   | 235  |

*Weight of Bar and Cast Iron, corresponding with the quantities in the left hand Col*

| English<br>Solid<br>Inches. | Apoirdupoise Weight of. |       |      |      |      |            |       |      |      |      |
|-----------------------------|-------------------------|-------|------|------|------|------------|-------|------|------|------|
|                             | BAR IRON.               |       |      |      |      | CAST IRON. |       |      |      |      |
|                             | Tons.                   | Cwts. | Qrs. | lbs. | Ons. | Tons.      | Cwts. | Qrs. | lbs. | Ons. |
| 1                           | 0                       | 0     | 0    | 0    | 4    | 0          | 0     | 0    | 0    | 4    |
| 2                           | 0                       | 0     | 0    | 0    | 8    | 0          | 0     | 0    | 0    | 8    |
| 3                           | 0                       | 0     | 0    | 0    | 13   | 0          | 0     | 0    | 0    | 12   |
| 4                           | 0                       | 0     | 0    | 1    | 2    | 0          | 0     | 0    | 1    | 1    |
| 5                           | 0                       | 0     | 0    | 1    | 6    | 0          | 0     | 0    | 1    | 5    |
| 6                           | 0                       | 0     | 0    | 1    | 11   | 0          | 0     | 0    | 1    | 9    |
| 7                           | 0                       | 0     | 0    | 1    | 15   | 0          | 0     | 0    | 1    | 13   |
| 8                           | 0                       | 0     | 0    | 2    | 4    | 0          | 0     | 0    | 2    | 1    |
| 9                           | 0                       | 0     | 0    | 2    | 8    | 0          | 0     | 0    | 2    | 5    |
| 10                          | 0                       | 0     | 0    | 2    | 13   | 0          | 0     | 0    | 2    | 10   |
| 20                          | 0                       | 0     | 0    | 5    | 19   | 0          | 0     | 0    | 5    | 13   |
| 30                          | 0                       | 0     | 0    | 8    | 7    | 0          | 0     | 0    | 7    | 13   |
| 40                          | 0                       | 0     | 0    | 11   | 4    | 0          | 0     | 0    | 10   | 7    |
| 50                          | 0                       | 0     | 0    | 14   | 1    | 0          | 0     | 0    | 13   | 0    |
| 60                          | 0                       | 0     | 0    | 16   | 14   | 0          | 0     | 0    | 15   | 10   |
| 70                          | 0                       | 0     | 0    | 19   | 11   | 0          | 0     | 0    | 18   | 4    |
| 80                          | 0                       | 0     | 0    | 22   | 8    | 0          | 0     | 0    | 20   | 14   |
| 90                          | 0                       | 0     | 0    | 25   | 6    | 0          | 0     | 0    | 23   | 7    |



*Weight of Bar and Cast Iron, corresponding with the quantities in the left hand Col.*

| English<br>Solid<br>Inches. | Avoirdupoise Weight of |      |      |      |      |            |      |      |      |      |
|-----------------------------|------------------------|------|------|------|------|------------|------|------|------|------|
|                             | BAR IRON.              |      |      |      |      | CAST IRON. |      |      |      |      |
|                             | Tons.                  | Cwt. | Qrs. | lbs. | Ons. | Tons.      | Cwt. | Qrs. | lbs. | Ons. |
| 100                         | 0                      | 0    | 1    | 0    | 3    | 0          | 0    | 0    | 26   | 1    |
| 200                         | 0                      | 0    | 2    | 0    | 5    | 0          | 0    | 1    | 24   | 2    |
| 300                         | 0                      | 0    | 3    | 0    | 8    | 0          | 0    | 2    | 22   | 3    |
| 400                         | 0                      | 1    | 0    | 0    | 11   | 0          | 0    | 3    | 20   | 4    |
| 500                         | 0                      | 1    | 1    | 0    | 13   | 0          | 1    | 0    | 18   | 5    |
| 600                         | 0                      | 1    | 2    | 1    | 0    | 0          | 1    | 1    | 16   | 6    |
| 700                         | 0                      | 1    | 3    | 1    | 3    | 0          | 1    | 2    | 14   | 7    |
| 800                         | 0                      | 2    | 0    | 1    | 5    | 0          | 1    | 3    | 12   | 8    |
| 900                         | 0                      | 2    | 1    | 1    | 8    | 0          | 2    | 0    | 10   | 10   |
| 1000                        | 0                      | 2    | 2    | 1    | 11   | 0          | 2    | 1    | 8    | 11   |

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*Weight of Brass and Lead, corresponding with the quantities in the left hand Column.*

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| English Solid Inches. | Avoirdupoise Weight of BRASS. |       |      |      |      | LEAD. |       |      |      |      |
|-----------------------|-------------------------------|-------|------|------|------|-------|-------|------|------|------|
|                       | Tons.                         | Cwts. | Qrs. | lbs. | Ons. | Tons. | Cwts. | Qrs. | lbs. | Ons. |
| 1                     | 0                             | 0     | 0    | 0    | 5    | 00    | 00    | 0    | 00   | 6    |
| 2                     | 0                             | 0     | 0    | 0    | 10   | 00    | 00    | 0    | 00   | 13   |
| 3                     | 0                             | 0     | 0    | 0    | 14   | 01    | 00    | 0    | 01   | 14   |
| 4                     | 0                             | 0     | 0    | 1    | 3    | 01    | 00    | 0    | 01   | 10   |
| 5                     | 0                             | 0     | 0    | 1    | 8    | 01    | 00    | 0    | 02   | 1    |
| 6                     | 0                             | 0     | 0    | 1    | 13   | 01    | 00    | 0    | 02   | 7    |
| 7                     | 0                             | 0     | 0    | 2    | 2    | 02    | 00    | 0    | 02   | 14   |
| 8                     | 0                             | 0     | 0    | 2    | 7    | 02    | 00    | 0    | 03   | 4    |
| 9                     | 0                             | 0     | 0    | 2    | 12   | 02    | 00    | 0    | 03   | 11   |
| 10                    | 0                             | 0     | 0    | 3    | 0    | 03    | 00    | 0    | 04   | 2    |
| 20                    | 0                             | 0     | 0    | 6    | 1    | 0     | 0     | 0    | 8    | 3    |
| 30                    | 0                             | 0     | 0    | 9    | 2    | 0     | 0     | 0    | 12   | 5    |
| 40                    | 0                             | 0     | 0    | 12   | 2    | 0     | 0     | 0    | 16   | 7    |
| 50                    | 0                             | 0     | 0    | 15   | 3    | 0     | 0     | 0    | 20   | 8    |
| 60                    | 0                             | 0     | 0    | 18   | 3    | 0     | 0     | 0    | 24   | 10   |
| 70                    | 0                             | 0     | 0    | 21   | 4    | 0     | 0     | 1    | 0    | 12   |
| 80                    | 0                             | 0     | 0    | 24   | 5    | 0     | 0     | 1    | 4    | 13   |
| 90                    | 0                             | 0     | 0    | 27   | 5    | 0     | 0     | 1    | 8    | 15   |
| 100                   | 0                             | 0     | 1    | 2    | 6    | 0     | 0     | 1    | 13   | 1    |

*Weight of Brass and Lead, corresponding with the quantities in the left hand Column.*

| English<br>Solid<br>Inches. | Avoirdupoise Weight of |       |      |      |      |       |       |      |      |      |
|-----------------------------|------------------------|-------|------|------|------|-------|-------|------|------|------|
|                             | BRASS.                 |       |      |      |      | LEAD. |       |      |      |      |
|                             | Tons.                  | Cwts. | Qrs. | lbs. | Ozs. | Tons. | Cwts. | Qrs. | lbs. | Ozs. |
| 200                         | 0                      | 0     | 2    | 4    | 13   | 0     | 0     | 2    | 26   | 2    |
| 300                         | 0                      | 0     | 3    | 7    | 2    | 0     | 1     | 0    | 11   | 3    |
| 400                         | 0                      | 1     | 0    | 9    | 7    | 0     | 1     | 1    | 24   | 4    |
| 500                         | 0                      | 1     | 1    | 11   | 13   | 0     | 1     | 3    | 9    | 5    |
| 600                         | 0                      | 1     | 2    | 14   | 3    | 0     | 2     | 0    | 22   | 6    |
| 700                         | 0                      | 1     | 3    | 16   | 9    | 0     | 2     | 2    | 7    | 7    |
| 800                         | 0                      | 2     | 0    | 18   | 5    | 0     | 2     | 3    | 20   | 7    |
| 900                         | 0                      | 2     | 1    | 21   | 5    | 0     | 3     | 1    | 3    | 8    |
| 1000                        | 0                      | 2     | 2    | 23   | 11   | 0     | 3     | 2    | 18   | 9    |

*Weight of Bar and Cast Iron, corresponding with the quantities in the left hand Col.*

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| English<br>Solid<br>Feet. | Avoirdupoise Weight of |       |      |      |      |            |       |      |      |      |
|---------------------------|------------------------|-------|------|------|------|------------|-------|------|------|------|
|                           | BAR IRON.              |       |      |      |      | CAST IRON. |       |      |      |      |
|                           | Tons.                  | Cwts. | Qrs. | lbs. | Ons. | Tons.      | Cwts. | Qrs. | lbs. | Ons. |
| 1                         | 0                      | 4     | 1    | 10   | 12   | 0          | 4     | 0    | 2    | 7    |
| 2                         |                        | 8     | 2    | 21   | 8    | 0          | 8     | 0    | 4    | 14   |
| 3                         | 0                      | 13    | 0    | 4    | 4    | 0          | 12    | 0    | 7    | 5    |
| 4                         | 0                      | 17    | 1    | 15   | 0    | 0          | 16    | 0    | 9    | 12   |
| 5                         | 1                      | 1     | 2    | 25   | 12   | 1          | 0     | 0    | 12   | 3    |
| 6                         | 1                      | 6     | 0    | 8    | 8    | 1          | 4     | 0    | 14   | 10   |
| 7                         | 1                      | 10    | 1    | 19   | 4    | 1          | 8     | 0    | 17   | 1    |
| 8                         | 1                      | 14    | 3    | 2    | 0    | 1          | 12    | 0    | 19   | 8    |
| 9                         | 1                      | 19    | 0    | 12   | 12   | 1          | 16    | 0    | 21   | 15   |
| 10                        | 2                      | 3     | 1    | 23   | 8    | 2          | 0     | 0    | 24   | 6    |
| 20                        | 4                      | 6     | 3    | 19   | 0    | 4          | 0     | 1    | 20   | 12   |
| 30                        | 6                      | 10    | 1    | 14   | 8    | 6          | 0     | 2    | 17   | 2    |
| 40                        | 8                      | 13    | 3    | 10   | 0    | 8          | 0     | 3    | 13   | 8    |
| 50                        | 10                     | 17    | 1    | 5    | 8    | 10         | 1     | 0    | 9    | 14   |
| 60                        | 13                     | 0     | 3    | 1    | 0    | 12         | 1     | 1    | 6    | 4    |
| 70                        | 15                     | 4     | 0    | 24   | 8    | 14         | 1     | 2    | 2    | 10   |
| 80                        | 17                     | 7     | 2    | 20   | 0    | 15         | 1     | 2    | 27   | 0    |
| 90                        | 19                     | 11    | 0    | 15   | 8    | 18         | 1     | 3    | 23   | 6    |
| 100                       | 21                     | 14    | 2    | 11   | 0    | 20         | 2     | 0    | 19   | 12   |

*Weight of Brass and Lead, corresponding with the quantities in the left hand Column.*

| English<br>Solid<br>Feet. | Avoirdupoise Weight of |       |      |      |      |       |       |      |      |      |
|---------------------------|------------------------|-------|------|------|------|-------|-------|------|------|------|
|                           | BRASS.                 |       |      |      |      | LEAD. |       |      |      |      |
|                           | Tons.                  | Cwts. | Qrs. | lbs. | Ozs. | Tons. | Cwts. | Qrs. | lbs. | Ozs. |
| 1                         | 0                      | 4     | 2    | 20   | 12   | 0     | 6     | 1    | 9    | 8    |
| 2                         | 0                      | 9     | 1    | 13   | 8    | 0     | 12    | 2    | 19   | 0    |
| 3                         | 0                      | 14    | 0    | 6    | 4    | 0     | 19    | 0    | 0    | 8    |
| 4                         | 0                      | 18    | 2    | 27   | 0    | 1     | 5     | 1    | 10   | 0    |
| 5                         | 1                      | 3     | 1    | 19   | 12   | 1     | 11    | 2    | 19   | 8    |
| 6                         | 1                      | 8     | 0    | 12   | 8    | 1     | 18    | 0    | 1    | 0    |
| 7                         | 1                      | 12    | 3    | 5    | 4    | 2     | 4     | 1    | 10   | 8    |
| 8                         | 1                      | 17    | 1    | 26   | 0    | 2     | 10    | 2    | 20   | 0    |
| 9                         | 2                      | 2     | 0    | 18   | 12   | 2     | 17    | 0    | 1    | 8    |
| 10                        | 2                      | 6     | 3    | 11   | 8    | 3     | 3     | 1    | 11   | 0    |
| 20                        | 4                      | 13    | 2    | 23   | 0    | 6     | 6     | 2    | 22   | 0    |
| 30                        | 7                      | 0     | 2    | 6    | 8    | 9     | 10    | 0    | 5    | 0    |
| 40                        | 9                      | 7     | 1    | 18   | 0    | 12    | 13    | 1    | 16   | 0    |
| 50                        | 11                     | 14    | 1    | 1    | 8    | 15    | 16    | 2    | 27   | 0    |
| 60                        | 14                     | 1     | 0    | 13   | 0    | 19    | 0     | 0    | 10   | 0    |
| 70                        | 16                     | 7     | 3    | 24   | 8    | 22    | 3     | 1    | 21   | 0    |
| 80                        | 18                     | 14    | 3    | 8    | 0    | 25    | 6     | 3    | 4    | 0    |
| 90                        | 21                     | 1     | 2    | 19   | 8    | 28    | 10    | 0    | 15   | 0    |
| 100                       | 23                     | 8     | 2    | 3    | 0    | 31    | 13    | 1    | 26   | 0    |

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*F. P. C.*  
*From [unclear]*

