



## ARITHMETICAL TABLES

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>Numeration Table.</b><br>Units .....1<br>Tens .....12<br>Hundreds .....123<br>Thousands .....1,234<br>Tens of Thousands .....12,345<br>Hundreds of Thousands .....123,456<br>Millions .....1,234,567<br>Tens of Millions .....12,345,678<br>C. of Millions .....123,456,789  |  | <b>Troy Weight.</b><br><b>For Gold, Silver and Jewels</b><br>24 Grains.....1 Pennyw't .....dwt.<br>20 Dwts.....1 Ounce .....oz.<br>12 Ounces.....1 Pound .....lb.   |  | <b>Imperial Heaped Measure.</b><br><b>Lbs. Avoid. of Water</b><br>8 Gallons.....1 Bushel = 80<br>3 Bushels.....1 Sack = 240<br>12 Sacks.....1 Chaldron = 2880  |  |
| <b>Sterling Money Table.</b><br>4 Farthings.....1 Penny d.<br>12 Pence.....1 Shilling s.<br>2 Shillings.....1 Florin<br>2 Shillings & Sixp. ....1 Halfcrown<br>5 Shillings.....1 Crown cr.<br>10 Shillings.....1 Half Sov.<br>20 Shillings.....1 Sov. or 1 Pound £<br>21 Shillings.....1 Guinea   |  | <b>Apothecaries' Weight</b><br><b>For Mixing Medicines</b><br>20 Grains.....1 Scruple .....scr.<br>3 Scruples.....1 Dram .....dr.<br>8 Drams.....1 Ounce .....oz.<br>12 Ounces.....1 Pound .....lb.   |  | <b>Imperial Dry Measure.</b><br><b>Avoid. of Water</b><br>2 Glasses.....1 Noggin equal 0 5<br>4 Noggins.....1 Pint " 1<br>2 Pints.....1 Quart " 2 8<br>4 Quarts.....1 Gallon " 10 0<br>2 Gallons.....1 Peck " 20 0<br>4 Pecks.....1 Bushel " 80 0<br>8 Bushels.....1 Quarter " 640 0 |  |
| <b>Arithmetical Signs.</b><br>+ Plus; Sign of Addition<br>- Minus; Sign of Subtraction<br>× Sign of Multiplication<br>÷ Sign of Division<br>= Sign of Equality<br>or Sign of Inequality<br>: :: Sign of Proportion<br>√ Sign of Square Root<br>∛ Sign of Cube Root<br>° Degree, Minute, Second<br>∴ Therefore<br>∥ Denotes a Parallelism<br>⊥ Denotes a Perpendicular |  | <b>Commercial Signs</b><br>£ (Latinlibra) a Pound Sterling<br>lb (Latinlibra) a Pound weight<br>\$ Dollars<br>/ Shillings; as 4/6=4s. 6d.<br>@ At or to; as wood @ \$4 per cord<br>Per; as Rice 4c lb.<br>% Per cent, as commission at<br>2½% = 3.38<br>a/c Account; as S. Oliver in a/c with<br>} Brace<br>Index |  | <b>Square Measure.</b><br>144 Square Inches.....1 Square Ft.<br>9 Square Feet.....1 Square Yd.<br>30½ Square Yards.....1 Square Pole<br>40 Square Poles.....1 Rood<br>4 Roods.....1 Acre   |  |
| <b>Avoirdupois Weight</b><br><b>For all Goods Except Gold, Silver and Jewels.</b><br>16 Drams.....1 Ounce .....oz.<br>16 Ounces.....1 Pound .....lb.<br>14 Pounds.....1 Stone .....st.<br>28 Pounds.....1 Quarter .....qr.<br>4 Quarters.....1 Hundredw't .....cwt.<br>20 Cwt.....1 Ton .....tn.  |  | <b>Long and Lineal Measure</b><br>12 Lines.....1 Inch .....in.<br>12 Inches.....1 Foot .....ft.<br>3 Feet.....1 Yard .....yd.<br>2 Yards.....1 Fathom .....f.<br>5½ Yards.....1 Pole<br>40 Poles.....1 Furlong .....fur.<br>8 Furlongs or 1,760 Yds., 1 Mile  |  | <b>Table of Motion.</b><br>60" Seconds.....1 Minute<br>60' Minutes.....1 Degree<br>30° Degrees.....1 Sign<br>12 Signs, of 360° the Circle of the earth   |  |
| <b>Hay and Straw Weight</b><br>36 lb. Straw .....1 Truss<br>56 lbs. Old Hay .....1 Truss<br>60 lb. New Hay.....1 Truss<br>36 Trusses .....1 Load  |  | <b>Cloth Measure.</b><br>2½ Inches.....1 Nail<br>4 Nails.....1 Quarter of a Yard<br>4 Quarters.....1 Yard   |  | <b>Table of Time.</b><br>60 Seconds.....1 Minute<br>60 Minutes.....1 Hour<br>24 Hours.....1 Day<br>7 Days.....1 Week<br>4 Weeks.....1 Month<br>365 Days.....1 Year<br>366 Days.....1 Leap Year<br>52 Weeks.....1 Year<br>12 Calendar or<br>13 Lunar Months.....1 Year                |  |
|   |  | <b>Solid or Cubic Measure</b><br>1728 Cubic Inches.....1 Cubic Foot<br>27 Cubic Feet.....1 Cubic Yard<br>24½ Cubic Feet.....1 Solid Perch<br>12½ Cubic Feet.....1 Solid Perch<br>128 Cubic Feet.....1 Cord  |  | <b>Days in the Month.</b><br>Thirty days hath September,<br>April, June and November;<br>All the rest, have thirty-one,<br>Except February alone,<br>Which has but twenty-eight days<br>clear<br>And Twenty-nine in each Leap Year.  |  |

## MULTIPLICATION TABLES

| Twice    | 3 Times  | 4 Times  | 5 Times  | 6 Times  | 7 Times  | 8 Times  | 9 Times   | 10 Times  | 11 Times  | 12 Times  |
|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| 1 are 2  | 1 are 3  | 1 are 4  | 1 are 5  | 1 are 6  | 1 are 7  | 1 are 8  | 1 are 9   | 1 are 10  | 1 are 11  | 1 are 12  |
| 2... 4   | 2... 6   | 2... 8   | 2... 10  | 2... 12  | 2... 14  | 2... 16  | 2... 18   | 2... 20   | 2... 22   | 2... 24   |
| 3... 6   | 3... 9   | 3... 12  | 3... 15  | 3... 18  | 3... 21  | 3... 24  | 3... 27   | 3... 30   | 3... 33   | 3... 36   |
| 4... 8   | 4... 12  | 4... 16  | 4... 20  | 4... 24  | 4... 28  | 4... 32  | 4... 36   | 4... 40   | 4... 44   | 4... 48   |
| 5... 10  | 5... 15  | 5... 20  | 5... 25  | 5... 30  | 5... 35  | 5... 40  | 5... 45   | 5... 50   | 5... 55   | 5... 60   |
| 6... 12  | 6... 18  | 6... 24  | 6... 30  | 6... 36  | 6... 42  | 6... 48  | 6... 54   | 6... 60   | 6... 66   | 6... 72   |
| 7... 14  | 7... 21  | 7... 28  | 7... 35  | 7... 42  | 7... 49  | 7... 56  | 7... 63   | 7... 70   | 7... 77   | 7... 84   |
| 8... 16  | 8... 24  | 8... 32  | 8... 40  | 8... 48  | 8... 56  | 8... 64  | 8... 72   | 8... 80   | 8... 88   | 8... 96   |
| 9... 18  | 9... 27  | 9... 36  | 9... 45  | 9... 54  | 9... 63  | 9... 72  | 9... 81   | 9... 90   | 9... 99   | 9... 108  |
| 10... 20 | 10... 30 | 10... 40 | 10... 50 | 10... 60 | 10... 70 | 10... 80 | 10... 90  | 10... 100 | 10... 110 | 10... 120 |
| 11... 22 | 11... 33 | 11... 44 | 11... 55 | 11... 66 | 11... 77 | 11... 88 | 11... 99  | 11... 110 | 11... 121 | 11... 132 |
| 12... 24 | 12... 36 | 12... 48 | 12... 60 | 12... 72 | 12... 84 | 12... 96 | 12... 108 | 12... 120 | 12... 132 | 12... 144 |

**Obey Traffic Regulations.**  
**Think twice - you only live once.**