

### ADDITION TABLE.

1 and lare2	2 and lare3	3 and lare4	4 and lare5	5 and lare6	6 and lare7	7 and lare8	8 and lare9	9 and lare10	10 and lare11	11 and lare12	12 and lare13
2 - 3	2 - 4	2 - 5	2 - 6	2 - 7	2 - 8	2 - 9	2 - 10	2 - 11	2 - 12	2 - 13	2 - 14
3 - 4	3 - 5	3 - 6	3 - 7	3 - 8	3 - 9	3 - 10	3 - 11	3 - 12	3 - 13	3 - 14	3 - 15
4 - 5	4 - 6	4 - 7	4 - 8	4 - 9	4 - 10	4 - 11	4 - 12	4 - 13	4 - 14	4 - 15	4 - 16
5 - 6	5 - 7	5 - 8	5 - 9	5 - 10	5 - 11	5 - 12	5 - 13	5 - 14	5 - 15	5 - 16	5 - 17
6 - 7	6 - 8	6 - 9	6 - 10	6 - 11	6 - 12	6 - 13	6 - 14	6 - 15	6 - 16	6 - 17	6 - 18
7 - 8	7 - 9	7 - 10	7 - 11	7 - 12	7 - 13	7 - 14	7 - 15	7 - 16	7 - 17	7 - 18	7 - 19
8 - 9	8 - 10	8 - 11	8 - 12	8 - 13	8 - 14	8 - 15	8 - 16	8 - 17	8 - 18	8 - 19	8 - 20
9 - 10	9 - 11	9 - 12	9 - 13	9 - 14	9 - 15	9 - 16	9 - 17	9 - 18	9 - 19	9 - 20	9 - 21
10 - 11	10 - 12	10 - 13	10 - 14	10 - 15	10 - 16	10 - 17	10 - 18	10 - 19	10 - 20	10 - 21	10 - 22
11 - 12	11 - 13	11 - 14	11 - 15	11 - 16	11 - 17	11 - 18	11 - 19	11 - 20	11 - 21	11 - 22	11 - 23
12 - 13	12 - 14	12 - 15	12 - 16	12 - 17	12 - 18	12 - 19	12 - 20	12 - 21	12 - 22	12 - 23	12 - 24

**SUBTRACTION.**—By reversing the above Table Subtraction is learnt, thus: instead of saying 1 and 1 are 2, say 1 from 2 and 1 remains; 1 from 3 and 2 remains.

### MULTIPLICATION TABLE.

2 times lare2	3 times lare3	4 times lare4	5 times lare5	6 times lare6	7 times lare7	8 times lare8	9 times lare9	10 times lare10	11 times lare11	12 times lare12
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

**DIVISION.**—To apply this Table to Division reverse it, thus: instead of saying 3 times 1 are 3, say 3's in 3 are 1, or go once; 3's in 6 are 2, or go twice.

### ARITHMETICAL TABLES.

<p><b>Numeration.</b></p> <p>Units ..... 1 Tens ..... 12 Hundreds ..... 123 Thousands ..... 1,234 Tens of Thousands ..... 12,345 C. of Thousands ..... 123,456 Millions ..... 1,234,567 T. of Millions ..... 12,345,678 C. of Millions ..... 123,456,789</p> <p>The number represented in the last line is read: One hundred and twenty-three million, four hundred and fifty-six thousand, seven hundred and eighty-nine.</p> <p><b>Numerals.</b></p> <table style="width: 100%;"> <tr> <td style="text-align: right;">ARABIC.</td> <td style="text-align: left;">ROMAN.</td> </tr> <tr> <td>1.....</td> <td>I.....</td> </tr> <tr> <td>2.....</td> <td>II.....</td> </tr> <tr> <td>3.....</td> <td>III.....</td> </tr> <tr> <td>4.....</td> <td>IV.....</td> </tr> <tr> <td>5.....</td> <td>V.....</td> </tr> <tr> <td>6.....</td> <td>VI.....</td> </tr> <tr> <td>7.....</td> <td>VII.....</td> </tr> <tr> <td>8.....</td> <td>VIII.....</td> </tr> <tr> <td>9.....</td> <td>IX.....</td> </tr> <tr> <td>10.....</td> <td>X.....</td> </tr> <tr> <td>20.....</td> <td>XX.....</td> </tr> <tr> <td>50.....</td> <td>L.....</td> </tr> <tr> <td>100.....</td> <td>C.....</td> </tr> <tr> <td>500.....</td> <td>D.....</td> </tr> <tr> <td>1000.....</td> <td>M.....</td> </tr> </table> <p><b>Cubic, or Solid Measure.</b></p> <p>1728 Inches ..... 1 Solid Foot 27 Feet ..... 1 Solid Yard 42 Feet ..... 1 Ton Shipping 128 Feet ..... 1 Cord Wood</p> <p><b>Paper.</b></p> <p>24 Sheets ..... 1 Quire 20 Quires ..... 1 Ream</p>	ARABIC.	ROMAN.	1.....	I.....	2.....	II.....	3.....	III.....	4.....	IV.....	5.....	V.....	6.....	VI.....	7.....	VII.....	8.....	VIII.....	9.....	IX.....	10.....	X.....	20.....	XX.....	50.....	L.....	100.....	C.....	500.....	D.....	1000.....	M.....	<p><b>Long Measure.</b></p> <p>12 Lines ..... 1 Inch 4 Inches ..... 1 Hand 12 Inches ..... 1 Foot 3 Feet ..... 1 Yard 6 Feet ..... 1 Fathom 5½ Yards ..... 1 Rod or Pole 40 Rods ..... 1 Furlong 8 Furlongs ..... 1 Mile 3 Miles ..... 1 League 69½ Miles ..... 1 Degree 1760 yds. or 5280 ft. .... 1 Mile 6075'81 ft. .... 1 Nautical Mile</p> <p><b>Avoirdupois Weight.</b></p> <p>16 Drams ..... 1 Ounce 16 Ounces ..... 1 Pound 14 Pounds ..... 1 Stone 25 Pounds. 1 Quarter, Can. 28 Pounds. 1 Quarter, Eng. 4 Quarters. 1 Hundredwt 200 lbs., Can. .... } 1 Ton 2240 lbs., Eng. .... }</p> <p><b>Troy Weight.</b></p> <p>24 Grains ..... 1 Pennywt 20 Pennywts ..... 1 Ounce 12 Ounces ..... 1 Pound</p> <p><b>Apothecaries' Weight.</b></p> <p>20 Grains ..... 1 Scruple 3 Scruples ..... 1 Dram 8 Drams ..... 1 Ounce 12 Ounces ..... 1 Pound</p> <p><b>Cloth Measure.</b></p> <p>2½ Inches ..... 1 Nail 4 Nails ..... 1 Quarter 3 Quarters ..... 1 Flemish Ell 4 Quarters ..... 1 Yard 5 Quarters ..... 1 English Ell 6 Quarters ..... 1 French Ell 37 Inches ..... 1 Scotch Ell</p>	<p><b>Time Measure.</b></p> <p>60 Seconds ..... 1 Minute 60 Minutes ..... 1 Hour 24 Hours ..... 1 Day 7 Days ..... 1 Week 4 Weeks ..... 1 Month 12 Months, or } ..... 1 Year 365½ Days 100 Years ..... 1 Century</p> <p><b>Arithmetical Signs.</b></p> <p>+ Plus, sign of Addition. - Minus, sign of Subtract'n. × Sign of Multiplication. ÷ Sign of Division. = Sign of Equality. ::: Signs of Proportion. √ Sign of the Square Root. ° Degree, Minute. " Second, " Therefore.</p> <p><b>Square or Land Measure.</b></p> <p>144 Sq. Inches ..... 1 Sq. Foot 9 Sq. Feet ..... 1 Sq. Yard 30½ Yards ..... 1 Square Rod 40 Poles ..... 1 Rood 4 Roods ..... 1 Acre 640 Acres ..... 1 Sq. Mile</p> <p><b>Days in the Month.</b></p> <p>30 days hath September, April, June and November; February has 28 alone, And all the rest have 31; But Leap Year coming once in four, February then has one day more.</p> <p><b>Land Survey Measure.</b></p> <p>792 Inches ..... 1 Link 100 Links ..... 1 Chain 1 Chain ..... 66 Feet 10 Sq. Chains ..... 1 Acre</p>	<p><b>Dry Measure.</b></p> <p>2 Pints ..... 1 Quart 4 Quarts ..... 1 Gallon 2 Gallons ..... 1 Peck 4 Pecks ..... 1 Bushel 36 Bushels ..... 1 Chaldron</p> <p><b>Measure of Capacity.</b></p> <p>4 Gills ..... 1 Pint 2 Pints ..... 1 Quart 4 Quarts ..... 1 Gallon 6 Gallons ..... 1 Firkin 36 Gallons ..... 1 Barrel 63 Gallons ..... 1 Hogshead</p> <p><b>English Money Table.</b></p> <p>4 Farthings ..... 1 Penny 12 Pence ..... 1 Shilling 20 Shillings ..... 1 Pound</p> <p>A Florin is 2s. .... 45c. A Half Crown is 2s. 6d. .... 60c. A Sovereign is 20s. .... \$4.86</p> <p><b>Alliquote Parts of a Pound.</b></p> <table style="width: 100%;"> <tr> <td style="text-align: right;">s.</td> <td style="text-align: left;">d.</td> <td style="text-align: left;">s.</td> </tr> <tr> <td>10 0</td> <td>is 1 half.</td> <td></td> </tr> <tr> <td>6 8</td> <td>.. 1 third.</td> <td></td> </tr> <tr> <td>5 0</td> <td>.. 1 fourth.</td> <td></td> </tr> <tr> <td>4 0</td> <td>.. 1 fifth.</td> <td></td> </tr> <tr> <td>3 4</td> <td>.. 1 sixth.</td> <td></td> </tr> <tr> <td>2 6</td> <td>.. 1 eighth.</td> <td></td> </tr> <tr> <td>2 0</td> <td>.. 1 tenth.</td> <td></td> </tr> <tr> <td>1 8</td> <td>.. 1 twelfth.</td> <td></td> </tr> <tr> <td>1 3</td> <td>.. 1 sixteenth.</td> <td></td> </tr> </table> <p><b>Of a Shilling.</b></p> <table style="width: 100%;"> <tr> <td style="text-align: right;">d.</td> <td style="text-align: left;">s.</td> <td style="text-align: left;">d.</td> </tr> <tr> <td>6</td> <td>is 1-half.</td> <td>2 is 1-6th.</td> </tr> <tr> <td>4</td> <td>.. 1-third.</td> <td>1½ .. 1-3th.</td> </tr> <tr> <td>3</td> <td>.. 1-fourth.</td> <td>1 .. 1-12th.</td> </tr> </table> <p><b>Of a Ton.</b></p> <table style="width: 100%;"> <tr> <td style="text-align: right;">cwt.</td> <td style="text-align: left;">Ton.</td> <td style="text-align: right;">cwt.</td> <td style="text-align: left;">Ton.</td> </tr> <tr> <td>10</td> <td>is 1-half.</td> <td>2½</td> <td>is 1-3th.</td> </tr> <tr> <td>5</td> <td>.. 1-4th.</td> <td>2</td> <td>.. 1-10th.</td> </tr> <tr> <td>4</td> <td>.. 1-5th.</td> <td>1</td> <td>.. 1-20th.</td> </tr> </table>	s.	d.	s.	10 0	is 1 half.		6 8	.. 1 third.		5 0	.. 1 fourth.		4 0	.. 1 fifth.		3 4	.. 1 sixth.		2 6	.. 1 eighth.		2 0	.. 1 tenth.		1 8	.. 1 twelfth.		1 3	.. 1 sixteenth.		d.	s.	d.	6	is 1-half.	2 is 1-6th.	4	.. 1-third.	1½ .. 1-3th.	3	.. 1-fourth.	1 .. 1-12th.	cwt.	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