

Useful Information

MULTIPLICATION TABLE

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

Table of Time Measure

60 seconds=1 minute
 60 minutes=1 hour
 24 hours =1 day
 7 days =1 week
 30 days =1 calendar month
 12 months=1 year
 365 days =1 common year
 366 days =1 leap year
 100 years =1 century

Table of Dry Measure

2 pints (pt.) =1 quart (qt.)
 8 quarts =1 peck (pk.)
 4 pecks =1 bushel (bu.)
 cord =128 cu. ft.

Table of Liquid Measure

4 gills (gi.) =1 pint (pt.)
 2 pints =1 quart (qt.)
 4 quarts =1 gallon (gal.)
 31½ gallons =1 barrel (bbl.)
 2 barrels =1 hogshead (hhd.)

Table of Paper Measure

24 sheets =1 quire
 20 quires =1 ream
 10 reams =1 bale

Table of Linear Measure

12 inches =1 foot
 3 feet =1 yard
 16½ feet (5½ yds.) =1 rod
 660 feet =1 furlong
 320 rods (5280 ft.) =1 mile

Table of Cubic Measure

1728 cubic inches=1 cubic foot
 27 cubic feet =1 cubic yard
 128 cubic feet =1 cord of wood
 24½ cubic feet =1 perch of stone

NOTE—A cord of wood is a pile 8 feet long, 4 feet wide and 4 feet high.
 A perch of stone or brick is 16½ feet long, 1½ feet wide, and 1 foot high.

Table of Circular Measure

60 seconds (") =1 minute (')
 60 minutes =1 degree (°)
 360 degrees=1 circumference
 A degree of the earth's surface on a meridian=69.16 miles.

Miscellaneous Measures

12 units =1 dozen
 12 doz. =1 gross
 12 gr. =1 great gross
 20 units =1 score
 1 hand =4 inches
 1 fathom =6 feet
 1 knot =6086 feet
 3 knots =1 league
 1 bushel potatoes=60 lbs.
 1 barrel flour=196 lbs.
 1 cu. ft. of water=7.48 liquid gals. and weighs .62½ lbs.
 Diameter of circle x 3.1416= circumference.
 Diameter of circle squared x .7854= area.
 Atmospheric pressure is 14.7 lbs. per sq. in. at sea level.
 13½ cu. ft. of air weighs 1 lb.

Table of Avoirdupois Weight

16 drams =1 ounce (oz.)
 16 ounces=1 pound (lb.)
 100 pounds=1 hundredweight (cwt.)
 2000 pounds=1 ton (T.)
 2240 pounds=1 long ton (L. T.)

Table of Troy Weight

24 grains (gr.) =1 pennyweight (dwt.)
 20 pennyweights=1 ounce (oz.)
 12 ounces =1 pound (lb.)

Table of Apothecaries' Weight

20 grains (gr.) =1 scruple (ʒ)
 3 scruples =1 dram (ʒ)
 8 drams =1 ounce (ʒ)
 12 ounces =1 pound (lb.)

Table of Surface Measure

144 sq. in. =1 sq. ft.
 9 sq. ft. =1 sq. yd.
 30¼ sq. yds. =1 sq. rod
 160 sq. rods =1 acre
 640 acres =1 sq. mile
 An acre measures 208.71 ft. on each side.
 A section of land is 1 sq. mile.
 A quarter section is 160 acres.
 A township is 36 sq. miles.