WEIGHTS AND MEASURES

Troy Weight

24 grains = 1 penny weight
20 pennyweights = 1 ounce
12 ounces = 1 pound
3.168 grains = 1 carat

Used for weighing gold, silver and jewels

Apothecaries' Weight

20 grains = 1 scruple
3 scruples = 1 dram
8 drams = 1 ounce
12 ounces = 1 pound

The ounce and pound in this are the same as in Troy weight

Avoirdupois Weight

27-11/32 grains = 1 dram
16 drams = 1 ounce
16 ounces = 1 pound
25 pounds = 1 quarter
4 quarters = 1 hundredweight
2000 pounds = 1 short ton
2240 pounds = 1 long ton

Dry Measure

2 pints = 1 quart
8 quarts = 1 peck
4 pecks = 1 bushel
36 bushels = 1 chaldron

Liquid Measure

4 gills = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon
31-1/2 gallons = 1 barrel
2 barrels = 1 hogshead
1 gallon = 231 cubic inches

Mariners' Measure

6 feet = 1 fathom
120 fathoms = 1 cable length
7-1/2 cable lengths = 1 mile
5280 feet = 1 statute mile
6086 feet = 1 nautical mile

Miscellaneous

3 inches = 1 palm
4 inches = 1 hand
6 inches = 1 span
18 inches = 1 cubit
21.8 inches = 1 Bible cubit
2-1/2 feet = 1 military pace

Square Measure

144 square inches = 1 square foot
9 square feet = 1 square yard
30-1/4 square yards = 1 square rod
40 square rods = 1 rood
4 roods = 1 acre
640 acres = 1 square mile

Surveyors' Measure

7.92 inches = 1 link
25 links = 1 rod
10 square chains or 160 square rods = 1 acre
36 square miles (6 miles square) = 1 township
4 rods = 1 chain
640 acres = 1 square mile

Cubic Measure

1728 cubic inches = 1 cubic foot
27 cubit feet = 1 cubic yard
2150.42 cubic inches = 1 standard bushel
268.8 cubic inches = 1 standard gallon
1 cubic foot = about four-fifths of a bushel
128 cubic feet = 1 cord (wood)
40 cubic feet = ton (shipping

Long Measure

12 inches = 1 foot
3 feet = 1 yard
5-1/2 yards = 1 rod
40 rods = 1 furlong
8 furlongs = 1 statute mile
3miles = 1 league