

U. S. Weights and Measures

Linear Measure

12 inches (") (in.)	=	1 foot (') (ft.)
3 feet	=	1 yard (yd)
5 ½ yards	=	1 rod (rd, pole or perch (16 ½ ft.))
40 rods	=	1 furlong (fur) = 220 yds = 660 ft.
8 furlongs (320 rods)	=	1 statute mile (mi.) – 1,760 yds – 5,280 ft.
3 land miles	=	1 league
5,280 feet	=	1 statute or land mile
6,076.11549 feet	=	1 international nautical mile

Surveyor's Chain Measure

7.92 inches	=	1 link (lk)
25 links (16 ½ ft)	=	1 rod
100 links	=	1 chain (ch) = 4 rods = 66 ft
80 chains	=	1 statute mile = 320 rods = 5,280 ft
10 square chains	=	1 acre

Square Measure

144 square inches	=	1 square foot
9 square feet	=	1 square yard
30 ¼ square yards	=	1 square rod, perch, or pole
160 square rods	=	1 acre = 43,560 square feet = 4,840 square yards
640 acres	=	1 square mile

Commercial Weight

27 11/32 grains	=	1 dram (dr)
16 drams	=	1 oz = 437 ½ grains
16 ounces	=	1 lb = 256 drams = 7,000 grains
100 pounds	=	1 hundredweight (cwt)
20 hundredweights	=	1 ton (tn) = 2,000 lbs
112 pounds	=	1 gross or long cwt
20 gross or long hundredweight	=	1 gross or long ton = 2,240 lbs

Dry Measure

2 pints	=	1 quart (qt) = 67.2006 cubic inches
8 quarts	=	1 peck (pk) = 16 pts = 537.605 cu in.
4 pecks	=	1 bushel (bu) = 32 qts = 2,150.42 cu in

Liquid Measure

4 gills (gi)	=	1 pint = 16 fluid ounces (ozs)
2 pints	=	1 quart
4 quarts	=	1 gallon (gal)
31 ½ gallons	=	1 barrel (bbl)
2 barrels	=	1 hogshead

Circular Measure

60 seconds (")	=	1 minute (')
60 minutes	=	1 degree (°)
90 degrees	=	Right Angle
180 degrees	=	Straight angle, straight line
360 degrees	=	Circle

Time Measure

60 seconds (sec)	=	1 minute (min)
60 minutes	=	1 hour (hr)
24 hours	=	1 day
365 ¼ days	=	1 year (yr)

Cubic Measure

67.2 cubic inches	=	1 dry quart
231 cubic inches	=	1 gallon
537.6 cubic inches	=	1 peck
1728 cubic inches	=	1 cubic foot
2150.4 cubic inches	=	1 bushel
1 ¼ cubic feet	=	1 bushel nearly
27 cubic feet	=	1 cubic yard
128 cubic feet	=	1 cord of wood