

Measures of Length.

12 inches (in.)	= 1 foot (ft.)
3 feet	= 1 yard (yd.)
5½ yards	= 1 rod (rd.)
320 rods	= 1 mile (mi.)

7.92 inches	= 1 link (li.)
100 links	= 1 chain (ch.)
80 chains	= 1 mile.

6 feet	= 1 fathom.
120 fathoms	= 1 cable length.
6086 feet	= 1 knot.
3 knots	= 1 league.

60 seconds (")	= 1 minute (')
60 minutes	= 1 degree (°)
360 degrees	= 1 circle.
69½ miles	= $\left\{ \begin{array}{l} 1^\circ \text{ of longitude on} \\ \text{equator or of lati-} \\ \text{tude on a meridian.} \end{array} \right.$

Measures of Surface.

144 square inches	= 1 square foot.
9 square feet	= 1 square yard.
30½ square yards	= 1 square rod.
160 square rods	= 1 acre (A.)
10 square chains	= 1 acre.
640 acres	= 1 square mile.
1 mile square	= 1 section of land.
36 square miles	= 1 township.
100 square feet	= $\left\{ \begin{array}{l} 1 \text{ square of flooring} \\ \text{or roofing.} \end{array} \right.$

Measures of Volume.

1728 cubic inches	= 1 cubic foot.
27 cubic feet	= 1 cubic yard.
24½ cubic feet	= 1 perch.
16 cubic feet	= 1 cord foot (cd. ft.)
8 cord feet	= 1 cord (cd.)

Measures of Weight.*Avoirdupois Weight.*

16 ounces (oz.)	= 1 pound (lb.)
100 pounds	= $\left\{ \begin{array}{l} 1 \text{ hundred-} \\ \text{weight (cwt.)} \end{array} \right.$
20 hundredweight	= 1 ton (T.)
2240 pounds	= 1 long ton.
196 pounds	= 1 barrel of flour.
200 pounds	= 1 barrel of beef or pork.

Apothecaries' Weight.

20 grains (gr.)	= 1 scruple (sc. or \mathfrak{D})
3 scruples	= 1 dram (dr. or \mathfrak{z})
8 drams	= 1 ounce (oz. or \mathfrak{z})

Troy Weight.

24 grains (gr.)	= 1 pennyweight (pwt.)
20 pennyweights	= 1 ounce.
12 ounces	= 1 pound.

Measures of Capacity.*Liquid Measure.*

4 gills (gi.)	= 1 pint (pt.)
2 pints (pt.)	= 1 quart (qt.)
4 quarts	= 1 gallon (gal.)
1 gallon	contains 277.274 cubic inches.

Apothecaries' Measure.

60 drops (gtt.)	$\left\{ \begin{array}{l} \\ \text{or minims (m)} \end{array} \right\}$	= 1 fluid dram ($\mathfrak{f}\mathfrak{z}$)
8 fluid drams		
20 fluid ounces		= 1 fluid ounce ($\mathfrak{f}\mathfrak{z}$)
8 pints		= 1 pint.
		= 1 gallon.

Dry Measure.

2 pints (pt.)	= 1 quart (qt.)
8 quarts	= 1 peck (pk.)
4 pecks	= 1 bushel (bu.)
1 bushel	contains 2218.19 cubic inches.