

# U.S. WEIGHTS AND MEASURES

## LIQUID MEASUREMENTS

1	PINT	=	4	GILLS
1	QUART	=	2	PINTS
1	GALLON	=	4	QUARTS
1	FIRKIN	=	9	GALLONS (ALE OR BEER)
1	BARREL	=	42	GALLONS (PETROLEUM OR CRUDE OIL)

## DRY MEASURE

1	QUART	=	2	PINTS
1	PECK	=	8	QUARTS
1	BUSHEL	=	4	PECKS

## WEIGHT MEASUREMENT (MASS)

### A. AVOIRDUPOIS WEIGHT:

1	OUNCE	=	16	DRAMS
1	POUND	=	16	OUNCES
1	HUNDREDWEIGHT	=	100	POUNDS
1	TON	=	2,000	POUNDS

### B. TROY WEIGHT:

1	CARAT	=	3.17	GRAINS
1	PENNYWEIGHT	=	20	GRAINS
1	OUNCE	=	20	PENNYWEIGHTS
1	POUND	=	12	OUNCES
1	LONG HUNDRED- WEIGHT	=	112	POUNDS
1	LONG TON	=	20	LONG HUNDREDWEIGHTS
		=	2240	POUNDS

### C. APOTHECARIES WEIGHT:

1	SCRUPLE	=	20	GRAINS	=	1.296	GRAMS
1	DRAM	=	3	SCRUPLES	=	3.888	GRAMS
1	OUNCE	=	8	DRAMS	=	31.1035	GRAMS
1	POUND	=	12	OUNCES	=	373.2420	GRAMS

### D. KITCHEN WEIGHTS AND MEASURES:

1	U.S. PINT	=	16	FL. OUNCES
1	STANDARD CUP	=	8	FL. OUNCES
1	TABLESPOON	=	0.5	FL. OUNCES (15 CU. CMS.)
1	TEASPOON	=	0.16	FL. OUNCES (5 CU. CMS.)

## U.S. WEIGHTS AND MEASURES

### LINEAR MEASURE

			1 INCH	=	2.540 CENTIMETERS
12 INCHES	=	1 FOOT		=	3.048 DECIMETERS
3 FEET	=	1 YARD		=	9.144 DECIMETERS
5.5 YARDS	=	1 ROD		=	5.029 METERS
40 RODS	=	1 FURLONG		=	2.018 HECTOMETERS
8 FURLONGS	=	1 MILE		=	1.609 KILOMETERS

### MILE MEASUREMENTS

1 STATUTE MILE	=	5,280 FEET
1 SCOTS MILE	=	5,952 FEET
1 IRISH MILE	=	6,720 FEET
1 RUSSIAN VERST	=	3,504 FEET
1 ITALIAN MILE	=	4,401 FEET
1 SPANISH MILE	=	15,084 FEET

### OTHER LINEAR MEASUREMENTS

1 HAND	=	4 INCHES	1 LINK	=	7.92 INCHES
1 SPAN	=	9 INCHES	1 FATHOM	=	6 FEET
1 CHAIN	=	22 YARDS	1 FURLONG	=	10 CHAINS
			1 CABLE	=	608 FEET

### SQUARE MEASURE

144 SQUARE INCHES	=	1 SQUARE FOOT
9 SQUARE FEET	=	1 SQUARE YARD
30 <sup>1</sup> / <sub>4</sub> SQUARE YARDS	=	1 SQUARE ROD
40 RODS	=	1 ROOD
4 ROODS	=	1 ACRE
640 ACRES	=	1 SQUARE MILE
1 SQUARE MILE	=	1 SECTION
36 SECTIONS	=	1 TOWNSHIP

### CUBIC OR SOLID MEASURE

1 CU. FOOT	=	1728 CU. INCHES
1 CU. YARD	=	27 CU. FEET
1 CU. FOOT	=	7.48 GALLONS
1 GALLON (WATER)	=	8.34 LBS.
1 GALLON (U.S.)	=	231 CU. INCHES OF WATER
1 GALLON (IMPERIAL)	=	277 <sup>1</sup> / <sub>2</sub> CU. INCHES OF WATER