

MEASUREMENT and CONVERSION TABLES

from multiple sources

BRITISH/AMERICAN system

<u>length</u>	<u>weight</u>	<u>volume/liquid</u>
1 yd = 3 ft		
1 ft = 12 in	8. oz =====	1 cup = 16 TBSP
1 mi = 5280 ft	1 lb = 16 oz =====	1 pt = 2 cups
	1 T(ton) = 2000 lb	1 qt = 2 pt
1 ft ² = 144 in ²		1 gal. = 4 qt
1 yd ² = 9 ft ²		1 TBSP = 3 tsp
1 yd ³ = 27 ft ³		
1 ft ³ = 1728 in ³		
	<u>time</u>	
	1 yr = 52 wk = 12 mon = 365.25 days	
	1 wk = 7 days	30 days - Sep, Apr, Jun, Nov
	1 day = 24 hr	31 days - all rest except
	1 hr = 60 min	Feb - 28 days, 29(leap yr)
	1 min = 60 sec	

METRIC system

<u>length</u>	<u>weight</u>	<u>volume/capacity</u>
	1 t (metric ton) = 1000 kg	
1 km = 1000 m	1 kg = 1000 g	1 kl = 1000 l
1 hm = 100 m	1 hg = 100 g	1 hl = 100 l
1 dkm = 10 m	1 dkg = 10 g	1 dkl = 10 l
1 meter = 1000 mm	1 gram = 1000 mg	1 liter = 1000 ml
m = 100 cm	g = 100 cg	L/l = 100 cl
= 10 dm	= 10 dg	= 10 dl
1 dm = 10 cm	1 dg = 10 cg	1 dl = 10 cl
1 cm = 10 mm	1 cg = 10 mg	1 cl = 10 ml
1 cm ³ = 1 cubic cm = 1 cc	=====	1 ml.
1000 cc	=====	1 L

CONVERSION FACTS BETWEEN "AMERICAN" and METRIC SYSTEMS

$C^{\circ} = \frac{5}{9} \cdot (F^{\circ} - 32)$	and	$F^{\circ} = \frac{9}{5} \cdot C^{\circ} + 32$	or	$F^{\circ} = 1.8 C^{\circ} + 32$
1 in = 2.54 cm	1 lb = 453.5 g	1 cu ft = 28.32 L		
1 mi = 1.609 km	1 oz = 28.34 g	1 pt = 473.2 cc		
1 m = 39.37 in = 1.094 yd	1 gram = .035 oz ←	1 L = 1.057 qt		
1 km = .621 mi	1 kg = 2.205 lb	1 L = .264 ≈ $\frac{1}{4}$ gal		
1 acre = 0.4047 hectares				
640 acres = 1 sq mi (1 section)				
6 ft = 1 fathom = 1.829 meters				

LCC-Haynes