

## CONVERSION TABLES AND FORMULAS

US UNITS OF MEASURE		
Length	Capacity	Weight (mass)
12 inches (in) = 1 foot (ft)	8 fluid ounces (fl oz) = 1 cup (c)	16 ounces (oz) = 1 pound (lb)
3 feet = 1 yard (yd)	2 cups = 1 pint (pt)	2000 pounds = 1 ton
36 inches = 1 yard	2 pints = 1 quart (qt)	
5,280 feet = 1 mile (mi)	4 quarts = 1 gallon (gal)	

METRIC UNITS OF MEASURE		
Length	Capacity	Weight (mass)
1 <b>kilometer</b> (km) = 1000 meters (m)	1 <b>kiloliter</b> (kl) = 1000 liters (L)	1 <b>kilogram</b> (kg) = 1000 grams(g)
1 <b>hectometer</b> (hm) = 100 m	1 <b>hectoliter</b> (hl) = 100 m	1 <b>hectogram</b> (hg) = 100 g
1 <b>dekameter</b> (dam) = 10 m	1 <b>dekaliter</b> (dal) = 10 m	1 <b>dekagram</b> (dag) = 10 g
<b>1 meter (m) = 1 m</b>	<b>1 liter (L) = 1 L</b>	<b>1 gram (g) = 1 g</b>
1 <b>decimeter</b> (dm) = 0.1 m	1 <b>deciliter</b> (dl) = 0.1 L	1 <b>decigram</b> (dg) = 0.1 g
1 <b>centimeter</b> (cm) = 0.01 m	1 <b>centiliter</b> (cl) = 0.01 L	1 <b>centigram</b> (cg) = 0.01 g
1 <b>millimeter</b> (mm) = 0.001 m	1 <b>milliliter</b> (ml) = 0.001 L	1 <b>milligram</b> (mg) = 0.001 g

US/METRIC CONVERSION TABLE		
Length	Capacity	Weight (mass)
1 m ≈ 1.09 yd	1 L ≈ 1.06 qt	1 kg ≈ 2.20 lb
1 m ≈ 3.28 ft	1 L ≈ 0.26 gal	1 g ≈ 0.04 oz
1 km ≈ 0.62 mi		
1 in = 2.54 cm	1 gal ≈ 3.79 L	1 lb ≈ 0.45 kg
1 ft ≈ 0.30 m	1 qt ≈ 0.95 L	1 oz ≈ 28.35 g
1 mi ≈ 1.61 km	1 fl oz ≈ 29.57 mL	

### TEMPERATURE

Use the formula below to convert degrees Fahrenheit to degrees Celsius:

$$C = \frac{5}{9}(F - 32)$$

Use the formula below to convert degrees Celsius to degrees Fahrenheit:

$$F = \frac{9}{5}C + 32$$

