**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 **kilo**meter (km) = 1000 meters (m) |  | 1 **kilo**liter (kl) = 1000 liters (L) | 1 **kilo**gram (kg) = 1000 grams(g) |
|  |  |  |  |  |  |  |  |  |
| 1 **hecto**meter (hm) = 100 m |  | 1 **hecto**liter (h1) = 100 m | 1 **hecto**gram (hg) = 100 g |
|  |  |  |  |  |  |  |  |  |
| 1 **deka**meter (dam) = 10 m |  | 1 **deka**liter (dal) = 10 m | 1 **deka**gram (dag) = 10 g |
|  |  |  |  |  |  |  |  |  |
| **1 meter (m) = 1 m** |  |  | **1 liter (L) = 1 L** | **1 gram (g) = 1 g** |
|  |  |  |  |  |  |  |  |  |
| 1 **deci**meter (dm) = 0.1 m |  | 1 **deci**liter (dl) = 0.1 L | 1 **deci**gram (dg) = 0.1 g |
|  |  |  |  |  |  |  |  |  |
| 1 **centi**meter (cm) = 0.01 m |  | 1 **centi**liter (cl) = 0.01 L | 1 **centi**gram (cg) = 0.01 g |
|  |  |  |  |  |  |  |  |  |
| 1 **milli**meter (mm) = 0.001 m |  | 1 **milli**liter (ml) = 0.001 L | 1 **milli**gram (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:

1.  95(*F* 32)

Use the formula below to convert degrees Celsius to degrees

Fahrenheit:

*F* 95*C* 32