

**CONVERSION FACTORS**

Weights	Temperature
1 U. S. ton = 2,000 lbs = 0.97 metric ton 1 lb = 16 oz = 453.6 grams = 0.4356 kilograms 1 ounce = 20.35 grams	$^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$ $^{\circ}\text{K} = ^{\circ}\text{C} + 273.16$
	$^{\circ}\text{F} = (9/5 ^{\circ}\text{C}) + 32$ $^{\circ}\text{R} = ^{\circ}\text{F} - 459.69$

Speed	Length
1 mph = 5,280 ft/hr = 88 ft/minute = 1.467 ft/sec 1 m/sec = 196.85 ft/minute = 2.24 mph 1 m/sec = 1.942 knots	1 mile = 5280 ft = 1.6093 kilometers 1 yd = 3 ft = 36 inches = 91.44 cm 1 ft = 12 inches = 30.48 centimeters

Area	
1 square mile = 640 acres 1 acre = 43,560 square feet 1 acre = 0.405 hectare 1 hectare = 2.47 acres 1 hectare = 10,000 m sq. 1 yard sq. = 9 ft sq. = 0.836 m sq. 1 ft. sq. = 144 in sq. = 0.09 m sq. 1 cm sq. = 0.155 in sq. # Acres = [Length (ft.) x width (ft.) ]/43,560	1 acre = 13,068 ft of 40 inch rows = 13,756 ft. of 36 inch rows = 14,520 ft of 36 inch rows = 16,335 ft of 32 inch rows = 17,424 ft of 30 inch rows

Liquid Measure	
1 tbsp = 3 tsp (0.5 oz.) 1 oz = 2 tbsp 1 cup (1/2 pint) = 16 tbsp (8 oz.) 1 pint (2 cups) = 32 tbsp (16 oz. or 1 lb) (473 ml) 1 gallon = 231 inches cubed = 4 qt = 8 pt = 16 cups = 8.4 lb. water 1 gallon = 128 fl oz = 3.785 l = 3,785 ml = 3,785 cm cubed	1 qt = 2 pt = 4 cups = 32 oz = 0.946 l = 946 ml 1 pt = 2 cups = 16 oz = 0.473 l = 473 ml 1 cup = 8 oz = 0.24 l = 240 ml 1 fl oz = 8 oz = 0.24 l = 240 ml 1 tbsp = 3 tsp = 0.5 oz = 14.78 ml 1 tsp = 0.166 oz = 4.92 ml 1 ml = 0.0338 fl oz