

Conversions Handout

12 inches = 1 foot; 3 feet = 1 yard; 5280 feet = 1 mile; 2.54 cm = 1 inch

1 mile = 1.6 km; 1 acre = 43, 560 square feet

Kilometers to meters: 1 km = 1,000 m
Meters to millimeters: 1 m = 1000 mm
Meters to centimeters: 1 m = 100 cm
Meters to decimeters: 1 m = 10 dm
Centimeters to inches: 2.54 cm = 1 in

Milliliters to cubic-inches: 16.39 ml = 1 in³
Milliliters to cubic-centimeters: 1 ml = 1 cc (1cm³)

Milliliters to liters: 1000 ml = 1 liter
Quarts to liters: 1.06 qt = 1 liter
Liters to gallons: 3.79 liters = 1 gal

Cups to ounces: 1 cup = 8 oz
Cups to pints: 2 cups = 1 pint
Pints to quarts: 2 pints = 1 quart
Quarts to Gallons: 4 quarts = 1 gal

Pounds to ounces: 1 lb = 16 oz
Tons to pounds: 1 T = 2,000 lb

Grams to ounces: 28.3 g = 1 oz
Grams to kilograms: 1000 g = 1 kg
Pounds to kilograms: 2.20 lb = 1 kg

Fahrenheit to Celsius: $C = \frac{5(F - 32)}{9}$

Celsius to Fahrenheit: $F = \frac{9}{5}C + 32$