

MASTERING MEASUREMENTS

LENGTH:

Miles > Yards > Feet > Inches > Centimeters

1 mile = 1760 yd

1 yd = 3 ft

1 ft = 12 in

1 in = 2.54 cm

VOLUME:

Gallons > Liters > Quarts > Pints > Cups > Milliliters

1 gal = 4 qt

1 qt = 2 pt

1 pt = 2 cups

1 cup = 240 mL

1 L = 1000 mL

WEIGHT:

Tons > Kilograms > Pounds > Ounces > Grams > Milligrams

1 T = 2000 lbs

1 lb = 16 oz

1 oz $\approx$ 28.35 g

1 kg = 1000 g

1 g = 1000 mg

When converting from a larger to a smaller unit: **MULTIPLY** by the unit conversion

Example: How many yards are in 3 miles?

$3 \times 1760 = 5280$ yards

When converting from a smaller to a larger: **DIVIDE** by the unit conversion

Example: 56 ounces is equivalent to how many pounds?

$56 / 16 = 3.5$ pounds