

Basic Conversions:

A. Below is a list of basic conversions that you should know:

Distance:

1000 mm = 1 m	12 in = 1 ft
100 cm = 1 m	3 ft = 1 yd
1000 m = 1 km	5280 ft = 1 mile
1 in = 2.54 cm	1760 yd = 1 mile

Volume:

1000 mL = 1 L	1 pint = 2 cups
1 Tbl = 3 Tsp	2 quarts = 1 pint
1 cup = 16 Tbl	4 quarts = 1 gal
1 cup = 8 oz	231 in ³ = 1 gal

Weight:

1000 mg = 1 g	1 lb = 16 oz
1000 g = 1 kg	1 ton = 2000 lbs

B. Examples

Ex [1] 36 yd = _____ in

- First, convert yd to feet. 36 yd = 108 ft. (Multiply 36 x 3).
- 108 ft = 12 x 108 in = 1296 in.
- The answer is 1296.

Ex [2] How many pints are in 3 gallons? _____

- a. First, convert gallons to quarts. 3 gallons = 3 x 4 quarts or 12.
- b. Convert quarts to pints: 12 quarts = 12 x 2 pints = 24 pints.
- c. The answer is 24.

Ex [3] 2.5 pounds = _____ oz.

- a. There are 16 oz in a pound so multiply 2.5 by 16 or 40.
- b. The answer is 40.

C. If you need more conversions, most can be found on the [basic conversion](#) page.