

Name: _____

Date: _____

BLM 1.2.2a

Table of Measurement Conversions

Imperial Units

Length 1 ft = 12 in.
1 yd = 3 ft
1 mi = 1760 yd

Mass 1 lb = 16 oz
1 T = 2000 lb

Capacity 1 gal = 4 qt
1 qt = 2 pt
1 pt = 16 fl oz
1 c = 16 tbsp (1 cup = 16 tablespoons)

Conversion Factors

Note: All of the equivalent measures shown are approximate.

Imperial to Metric	Metric to Imperial
Length 1 in. = 25.4 mm or 2.54 cm 1 ft = 0.3048 m 1 yd = 0.9144 m	1 cm = 0.4 in. 1 m = 40 in. or 3.2808 ft or 1.09 yd 1 km = 0.62 mi
Capacity 1 fl oz (US) = 30 mL 1 pt (US) = 500 mL or 0.5 L 1 qt (US) = 1 L 1 gal (US) = 4 L 1 c = 250 mL or 0.25 L 1 tbsp = 15 mL	1 L = 4 c
Mass 1 oz = 28 g 1 lb = 0.45 kg or 450 g	1 kg = 2.2 lb
Temperature $^{\circ}\text{F} = 1.8\text{C} + 32$ (for calculations) $^{\circ}\text{F} = 2\text{C} + 30$ (for estimates)	$^{\circ}\text{C} = \frac{5}{9}(\text{F} - 32)$ (for calculations) $^{\circ}\text{C} = 0.5\text{F} - 15$ (for estimates)