

Name _____ Date _____

**Measurement
Unit 2 Line Master 7**

Conversion Chart

Distance

Imperial	Metric	Imperial to Metric
12 in. = 1 ft 3 ft = 1 yd 1760 yd = 1 mi 5280 ft = 1 mi	10 mm = 1 cm 100 cm = 1 m 1000 m = 1 km	1 in. \approx 2.54 cm 1 ft \approx 0.3048 m 1 mi \approx 1.61 km

Area

Imperial	Metric	Imperial to Metric
144 in. ² = 1 ft ² 43 560 ft ² = 1 acre 640 acres = 1 mi ²	10 000 cm ² = 1 m ² 10 000 m ² = 1 hectare 100 hectares = 1 km ²	1 in. ² \approx 6.45 cm ² 1 ft ² \approx 0.092903 m ² 1 mi ² \approx 2.59 km ²

Volume

Imperial	Metric	Imperial to Metric
57.75 in. ³ = 1 qt 4 qt = 1 gal 1 cup = 8 fluid oz	1 cm ³ = 1 mL 1000 mL = 1 L 1000 L = 1 m ³	16.39 cm ³ \approx 1 in. ³ 1 ft ³ \approx 0.0283168 m ³ 3.79 L \approx 1 gal

Mass

Imperial	Metric	Imperial to Metric
437.5 grains = 1 oz 16 oz = 1 lb 2000 lb = 1 short ton	1000 mg = 1 g 1000 g = 1 kg 1000 kg = 1 metric ton	453 g \approx 1 lb 2.2 lb \approx 1 kg

Temperature

Fahrenheit to Celsius conversions:

$$^{\circ}\text{C} = 59 (^{\circ}\text{F} - 32)$$

$$^{\circ}\text{F} = 95 (^{\circ}\text{C} + 32)$$

Miscellaneous

1 GB = 1000 MB

\$1 CDN = \$0.73 USD (at time of printing)