

### American and Metric Units of Measure

<p><b>American Units</b></p> <p><u>Length</u>            12 inches = 1 foot            3 feet = 1 yard            5280 feet = 1 mile</p> <p><u>Weight</u>            16 ounces = 1 pound            2000 pounds = 1 ton</p> <p><u>Volume/Capacity</u>            8 ounces = 1 cup            2 cups = 1 pint            2 pints = 1 quart            4 quarts = 1 gallon</p>
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<p><b>Metric Units</b></p> <p><u>Length</u>            1000 millimeters = 1 meter            100 centimeters = 1 meter            1000 meters = 1 kilometer</p> <p><u>Mass</u>            1000 milligrams = 1 gram            1000 grams = 1 kilogram</p> <p><u>Volume/Capacity</u>            1000 milliliters = 1 liter            1 milliliter = 1 cubic centimeter</p>
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### Conversions Between American and Metric Units

<p><u>Length</u>            1 inch = 2.54 centimeters            1 mile <math>\approx</math> 1.61 kilometers</p> <p><u>Weight/Mass</u>            1 kilogram <math>\approx</math> 2.2 pounds</p> <p><u>Volume/Capacity</u>            1 quart <math>\approx</math> 946 milliliters</p>
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### Common abbreviations

American length	American weight	American volume	Metric	Prefixes
in – inch	oz – ounce	pt – pint	m – meter	k (kilo – x1000)
ft – foot	lb – pound	qt – quart	g – gram	d (deci – /10)
yd – yard	t – ton	gal – gallon	l – liter	c (centi – /100)
mi – mile				m (milli – /1000)