

## Common Weights and Measures; Conversions

### Weight

ounce: troy	31.1034768 grams	480 grains
pound: troy	373.2417216 grams	12 ounces, troy
ounce: US	28.3495 grams	
Gram	0.035274 ounces US	

### Volume

yard <sup>3</sup>	0.76455486 meters <sup>3</sup>	27 feet <sup>3</sup>
yard <sup>3</sup>	764.554857984 liters	201.974 gallons
foot <sup>3</sup>	28.316846592 liters	7.480519 gallons
foot <sup>3</sup>	0.028316847 meters <sup>3</sup>	1,728 inches <sup>3</sup>
inch <sup>3</sup>	16.387064 centimeters <sup>3</sup>	0.000578 7 feet <sup>3</sup>
inch <sup>3</sup>	16.387064 milliliters	0.0297616 pints, dry
inch <sup>3</sup>	16.387064 milliliters	0.034630 pints, liquid
liter	0.001 meters <sup>3</sup>	61.02374 inches <sup>3</sup>
liter	0.1 dekaliter	0.908083 quarts, dry
liter	1,000 milliliters	1.056688 quarts, liquid
meter <sup>3</sup>	1,000 liters	1.307 951 yards <sup>3</sup>
fluid ounce	29.57353 milliliters	0.0625 pints, liquid
pint, dry: US	0.55061047 liters	0.5 quarts, dry
pint, liquid: US	0.473176473 liters	0.5 quarts, liquid
quart: dry, US	1.101 221 liters	2 pints, dry
quart: liquid, US	0.946352946 liters	2 pints, liquid
tablespoon	14.78676 milliliters	3 teaspoons
tablespoon	0.5 fluid ounces	
teaspoon	4.928922 milliliters	0.333333 tablespoons
cup	0.2365882 liters	8 fluid ounces
cord: wood	3.624556 meters <sup>3</sup>	128 feet <sup>3</sup>
drop (fluid)	0.05 milliliters	0.0016907 fluid ounces

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### Distance

foot	30.48 centimeters	12 inches
foot	0.304 8 meters	0.333 333 3 yards
foot	0.0003048 kilometers	0.00018939 miles, statute
inch	2.54 centimeters	0.08333333 feet
yard	0.9144 meters	3 feet
micron	0.000001 meter	0.0000394 inches
mil	0.0254 millimeters	0.001 inch
point: typographical	0.3514598 millimeters	0.013837 inches

### Temperature

F° to C°: Subtract 32, divide by 1.8

C° to F°: Multiply by 1.8, add 32

### Land and square measurements

acre	0.404 685 64 hectares	43,560 feet <sup>2</sup>
acre	4,046.8564 meters <sup>2</sup>	4,840 yards <sup>2</sup>
acre	0.0040468564 kilometers <sup>2</sup>	0.0015625 miles <sup>2</sup> , statute
kilometer <sup>2</sup>	100 hectares	247.10538 acres
kilometer <sup>2</sup>	1,000,000 meters <sup>2</sup>	0.38610216 miles <sup>2</sup> , statute
yard <sup>2</sup>	0.83612736 meters <sup>2</sup>	9 feet <sup>2</sup>
foot <sup>2</sup>	929.0304 centimeters <sup>2</sup>	144 inches <sup>2</sup>
foot <sup>2</sup>	0.09290304 meters <sup>2</sup>	0.11111111 yards <sup>2</sup>
inch <sup>2</sup>	6.4516 centimeters <sup>2</sup>	0.006 94444 feet <sup>2</sup>
mile: statute	1.609 344 kilometers	5,280 feet or 8 furlongs
mile <sup>2</sup> : statute	258.998 811 hectares	640 acres or 1 section
mile <sup>2</sup> : statute	2.589 988 11 kilometers <sup>2</sup>	0.755 miles <sup>2</sup> , nautical