

Unit Conversion Factors

Length

1 foot = 12 inches

1 yard = 3 feet

1 mile = 1,760 yards = 5,280 feet

1 centimeter = 0.39 inch

1 inch = 2.54 centimeters

1 meter = 3.28 feet

1 foot = 0.305 meter

1 yard = 0.914 meter

1 meter = 1.094 yards

1 kilometer = 0.62 mile

1 mile = 1.609 kilometers

Volume and Capacity

1 milliliter = 0.034 fluid ounce

1 fluid ounce = 29.6 milliliters

1 quart = 0.946 liter

1 liter = 1.06 quarts

1 gallon = 3.8 liters

1 gallon = 128 fluid ounces

1 gallon = 4 quarts

1 gallon = 16 cups

Temperature

Celsius = $\frac{5}{9}(F-32)$

Fahrenheit = $(\frac{9}{5}C) + 32$

Weight and Mass

1 gram = 0.03527 ounces

1 ounce = 28.35 grams

1 kilogram = 2.205 pounds

1 pound = 0.454 kilogram

1 ton = 2000 pounds

Density

1 cubic foot = 1728 cubic inch

1 cubic inch = 0.000578 cubic foot

1 cubic inch = 16.387 cubic cm

1 cubic cm = 0.061 cubic inch

1 cubic foot = 0.0283 cubic meter

1 cubic meter = 35.31 cubic foot

SI Prefixes

King Henry Died By Drinking Chocolate Milk

