

TABLE 2.3 Some Common Units and Their Equivalents

Length

1 kilometer (km) = 0.6214 mile (mi)

1 meter (m) = 39.37 inches (in.)
= 1.094 yards (yd)

1 foot (ft) = 30.48 centimeters (cm)

1 inch (in.) = 2.54 centimeters (cm)
(exact)

Mass

1 kilogram (kg) = 2.205 pounds (lb)

1 pound (lb) = 453.59 grams (g)

1 ounce (oz) = 28.35 grams (g)

Volume

1 liter (L) = 1000 milliliters (mL)
= 1000 cubic centimeters
= (cm³)

1 liter (L) = 1.057 quarts (qt)

1 U.S. gallon (gal) = 3.785 liters (L)

1 in = 2.54 cm

12 in = 1 ft

1 lb \approx 453.6 g

2.2 lb \approx 1 kg

1 L \approx 1.0567 qt

1 mi = 5280 ft

1 cal = 4.184 J

32 fl. ozs. = 1 qt

1 mL = 1 cm³