

### Length

$$1 \text{ in} = 2.54 \text{ cm}$$

$$1 \text{ ft} = 12 \text{ in}$$

$$1 \text{ m} = 3.2808 \text{ ft}$$

$$1 \text{ yd} = 3 \text{ ft}$$

$$1 \text{ mi} = 5280 \text{ ft}$$

$$1 \text{ mi} = 1.609 \text{ km}$$

### Volume

$$1 \text{ fluid oz} = 29.575 \text{ mL}$$

$$1 \text{ gal} = 4 \text{ qt}$$

$$1 \text{ gal} = 3.785 \text{ L}$$

### Mass

$$1 \text{ oz} = 28.35 \text{ g}$$

$$1 \text{ troy ounce} = 31.103 \text{ grams}$$

$$1 \text{ kg} = 2.2046 \text{ lb}$$

$$1 \text{ gram} = 15.43 \text{ grains}$$

### Pressure

$$1 \text{ atmosphere} = 760 \text{ torr}$$

$$1 \text{ atmosphere} = 760 \text{ mm Hg}$$

$$1 \text{ atmosphere} = 101.325 \text{ kPa}$$

$$1 \text{ atmosphere} = 1013.25 \text{ mbar}$$