

## Common Conversion Factors

### Mass

$$1 \text{ lb} = 454 \text{ g}$$



Basic Unit

### Length

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



Basic Unit

### Volume

$$1.06 \text{ qt} = 1 \text{ L}$$
$$1 \text{ mL} = 1 \text{ cm}^3 = 1 \text{ cc}$$



Derived Unit

The preferred abbreviation for Liter is L, but l is also accepted.

(L is used because many fonts use the same character for lower case l and the number one. So, the upper case L minimizes confusion.)

### Greek Prefixes

kilo = 1000

Example: 1000 m = 1 km

centi = 1/100

Example: 100 cm = 1 m

milli = 1/1000

Example: 1000 mm = 1m