

# The Metric System

## Length & Distance:

cm=centimeter

dm=decimeter

m=meter

km=kilometer

Centimeters (cm)	Decimeters (dm)	Kilometer (km)
100 cm = 1 m 10 cm = 1 dm	10 dm = 1 m 1 dm = 10 cm	1,000 m = 1 km

## Capacity: (The amount of liquid a container can hold)

mL=milliliter

L=liter

Milliliters (mL)	Liters (L)
1,000 mL = 1 L	1 L = 1,000 mL

## Mass: (The amount of space an object takes up, its weight)

g = gram

kg = kilogram

Gram (g)	Kilogram (kg)
1,000 g = 1 kg	1 kg = 1,000 g

## Temperature: (Use degrees)

**Degrees Fahrenheit ( F )** customary unit

Water Freezes at  $-32^{\circ}\text{F}$   
Room Temperature  $-68^{\circ}\text{F}$   
Water Boils  $-212^{\circ}\text{F}$

**Degrees Celsius ( C )** metric unit

Water Freezes at  $-0^{\circ}\text{C}$   
Room Temperature  $-20^{\circ}\text{C}$   
Water Boils  $-100^{\circ}\text{C}$