

Metric System

Metric system = a scientific system of measurement based on powers of ten

Types of metric units:

meter (m) – length

gram (g) – mass

liter (L) - volume

Metric Prefixes:

k- kilo 1000

h- hecto 100

dk- deka 10

unit (no prefix) 1

d- deci .1

c- centi .01

m- milli .001

The above prefixes can be used on other types of units besides meters:

Ex. kg = kilogram (1000 grams)

mL = milliliter (.001 liters)

cm = centimeter (.01 meters)