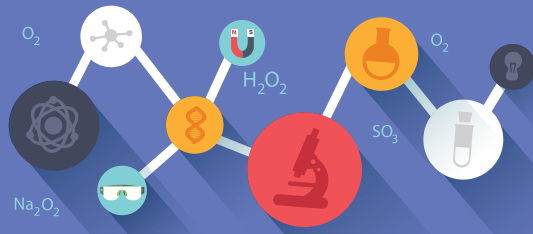
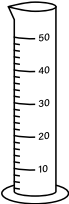

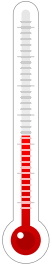



Science 5

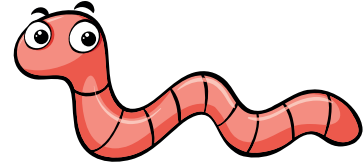


Measurement Assignment

1) Name each measurement instrument below. Then, indicate which type of measurement is performed with each one. Remember, some instruments can be used for more than one type of measurement!

Instrument	Name of Instrument	Measurement Type
		
		
		
		

2) Circle the most appropriate metric unit for each measurement listed.



a. length of an earthworm

meter (m) kilometer (cm) centimeter (cm)

b. volume of a pitcher of tea

liter (L) milliliter (mL)

c. mass of a paper clip

gram (g) kilogram (kg)

d. length of a pickup truck

meter (m) kilometer (km) centimeter (cm)

e. mass of a human

gram (g) kilogram (kg)

f. volume of a droplet of water

liter (L) milliliter (mL)

g. distance from your house to school

meter (m) kilometer (km) centimeter (cm)

h. volume of a box of tissues

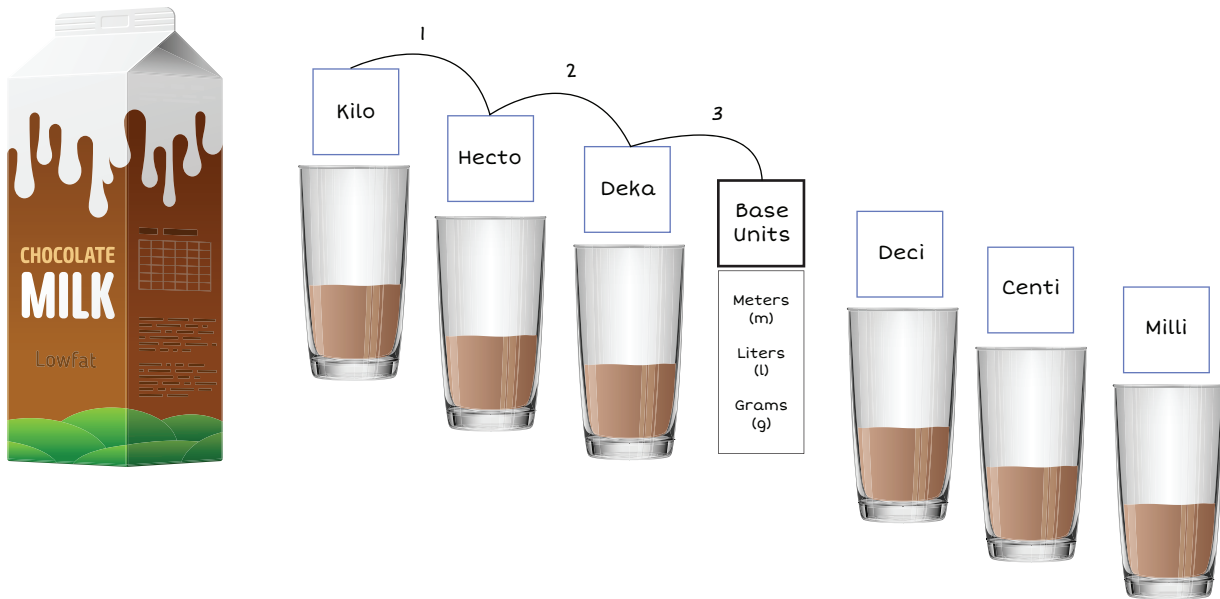
cubic meter (m³) cubic centimeter (cm³)

i. temperature of frozen water

0°C 100°C 0°F 100°F

j. volume of a bedroom

cubic meter (m³) cubic centimeter (cm³)



King Henry Doesn't Usually Drink Chocolate Milk

Practice Question:

500 centimeters are equal to how many meters?

* It takes two "steps" to the left to get from *centi-* to *base units* on the diagram above. This means that you will move the decimal point two steps to the left of the number 500. This equals 5.00, which is the same number as 5.

$$500. = 5.00 = 5$$

500 centimeters = 5 meters

3) Answer each of the math questions below. Show how you found your answer for each question. Use the previous diagram to help with metric unit conversions.

Be sure to show your work.

a. 3 kilometers are equal to how many meters?

b. 6000 milliliters are equal to how many liters?

c. A person with a mass of 40 kilograms is how many grams?

d. What is the volume of a cube with sides that each measure 5 cm?

