August 9th 2016

RIGHT NOW

Please get out a pencil/pen your notebook, folder, and any signed forms.

Before class begins write down what the focus of our work time today is as well as your homework.

WT: Ethics, Bias, & Measurement

HW: What is the metric System?

Warm Up

What is the metric system?

How do we use it?

I will be able to:

explain the process that scientific method uses as well as the safety protocols that are necessary to operating in a science lab.

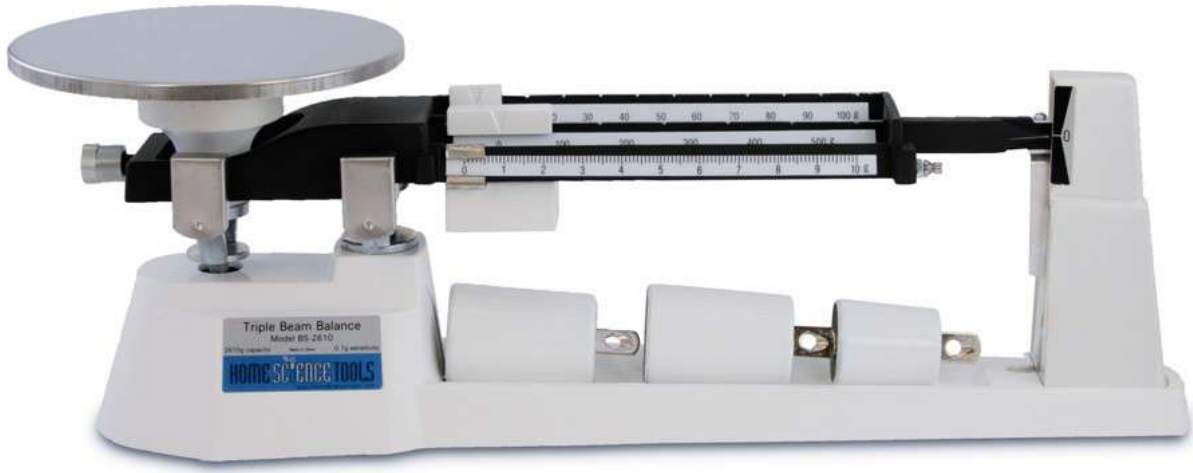
HOMEWORK 8-9:

Review notes

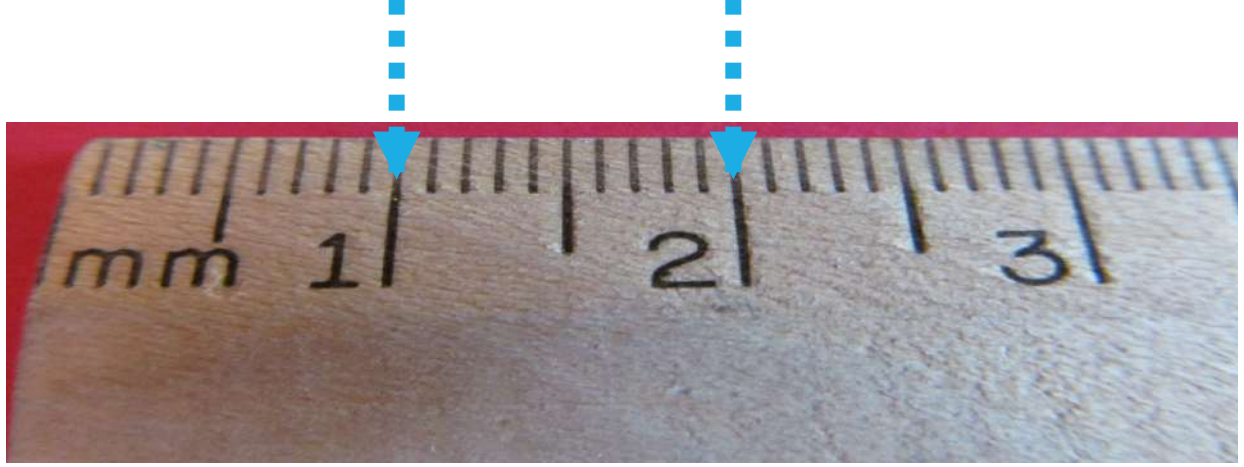
Cinderella Metric Conversion

Lab Measurement Sheet

Metric System

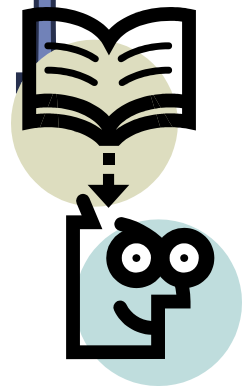


Created by: David L. Bricker Math in Action altered by Christina Aiken 8-16



It always takes 10 of the previous smaller unit to equal

Here's a saying to help you remember the order of the metric units



King Henry Died,
unexpectedly, Drinking
Chocolate Milk.

King	Kilometer, Kiloliter, Kilogram
Henry	Hectometer, Hectoliter, Hectogram
Died	Decameter, Decaliter, Decagram
Unexpectedly	UNITS: Meter, Liter, Gram
Drinking	Decimeter, Deciliter, Decigram
Chocolate	Centimeter, Centiliter, Centigram
Milk	Millimeter, Milliliter, Milligram

Metric System

Length

km hm dkm m dm cm mm

Mass

kg ___ ___ g ___ ___ mg

Volume

kl ___ ___ L ___ ___ ml

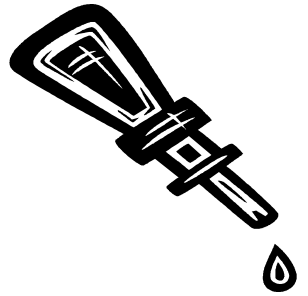
Metric System Length

			Give an example
Kilometer	1000	meters	_____
Hectometer	100	meters	_____
Decameter	10	meters	_____
Meter	1	meters	_____
Decimeter	.1	meter	_____
Centimeter	.01	meter	_____
Millimeter	.001	meter	_____

Metric System

	Mass	Give an example
Kilogram	1000 grams	_____
Gram	1 gram	_____
Milligram	.001 gram	_____

Metric System



	Volume		Give an example
Kiloliter	1000	liters	_____
Liter	1	liters	_____
Milliliter	.001	liter	_____

CHECK YOUR WORK

Metric System

Length

km hm dkm m dm cm mm

1.5 km= 1500 m

75 cm= 750 mm

25 mm= 2.5 cm

1 km= 1000 m= 1,000,000 mm

Metric System

Mass

kg ___ ___ g ___ ___ mg

8 g = 8000 mg

15 kg = 15,000 g

2000 mg = 2 g

Metric System

Volume

kl ___ ___ L ___ ___ ml

5 L = 5000 ml

2.5 L = 2500 ml

.5 L = 500 ml

6000ml = 6 L