Module 7 Lesson 2

- I will be able to convert measurements within a measurement system
- I will be able to convert measurements between measurement systems

- Get out your homework from yesterday some of them are in the basket
- 2. Tape in the notes that are on the front table
- 3. Complete the problem using proportions if you get it correct and use proportions you will get a smelly sticker

432 in = _____yd

- 1) 4qt
- 2) 3mi
- 3) 4c
- 4) 120in
- 5) 4qt
- 6) 40 oz
- 7) 128 oz
- 8) 28qt
- 9) 5pt
- 10) 16oz

Α

1) let = × 9+ 4c; 16c

2) $\frac{1}{1760}$ $\frac{2}{5280}$ $\frac{1}{1760}$ $\frac{1}{1760}$

1×5280=5280 5280+1760= Metric System

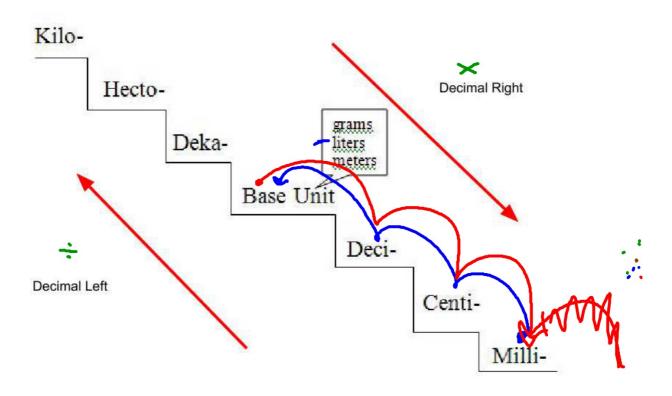
Most common system of measurement

Units of Measurement- Kilometers, meters, grams kg, liter, cm, mL

Types of Measurement

Metric Measurements		
Length	Mass	Capacity
1 kilometer = 1,000 meters 1 meter = 100 centimeters 1 centimeter = 10 millimeters	1 kilogram = 1,000 grams 1 gram = 1,000 milligrams	1 liter = 1,000 milliliters

Based on Powers of Ten



Practice

Steps:

- Identify the conversion rate that is needed to solve the problem.
- Set up the proportion- 2 equal ratios
- Solve the problem by cross multiplying and dividing by the left over number.

