

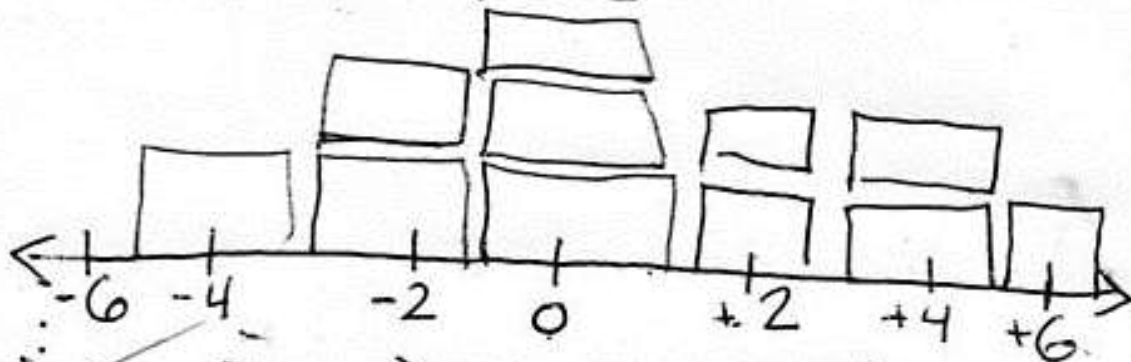
Homework tonight: study for the quiz.

**Purpose :**

In lab, we will learn to 'mass' an object before and after the lab.

Warmup:

Copy this line, include empty space above



~~2.1, 0.3, 3.7, 3.1, 2.1, 7,~~  
~~0.5, 0.5, 3, 3.1, 1.5, -0.7~~

"How to make a crude histogram, without graph paper."

- 1) Determine the range of your data (what numbers are highest and lowest)
- 2) Draw an X-axis so that your data will have a good spread
- 3) Draw each data point as a block.

Lab Equipment Names

**EHS CASMISTRY**

Mr. Genest



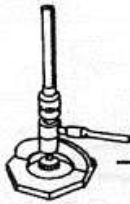
Name

ANSWERS

Date

visit <http://genest.weebly.com>

Using the word bank from the bottom of the page, label each piece of lab equipment below. Be able to match these names to these pictures on a quiz or test.



Bunsen Burner



EVAPORATING DISH



TONGS



Burette



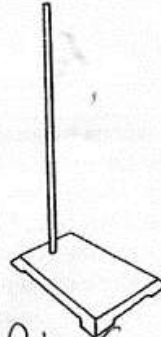
WIRE MESH



GRADUATED CYLINDER



CRUCIBLE



RING STAND



Beaker



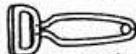
CLAY TRIANGLE



erlenmeyer flask



VOLUMETRIC FLASK



test tube holder



WATCH GLASS



word bank


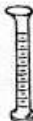
volumetric flask, Erlenmeyer flask, burette, graduated cylinder, beaker, evaporating dish, tongs, test tube holder, watch glass, crucible, Bunsen burner, ring stand, clay triangle, wire mesh screen

Convert the following measurements using your metric glue in (or the image at <http://genest.weebly.com>)

1. 1200 mL = 1200000 kL  
 2. 16mg = 0.000016 kg  
 3. 500 m = 0.500 km  
 4. 3400 m = 3.400 km

5. 1200 mL = 0.001200 kL  
 6. 5.7 g = 0.0057 kg  
 7. ~~60.5 pm = 0.0000000605 mm~~ 0.0000000603 mm (#7)  
 8. 9.08 cL = 9.08 mL

<p>9. Students frequently confuse the following two objects. Using your answers from Side 1 of this sheet, write the correct name under each object</p>	 <u>FLASK</u>	 <u>Beaker</u>
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<p>10. Students frequently confuse the following two objects. Using your answers from Side 1 of this sheet, write the correct name under each object</p>	 <u>BURETTE</u>	 <u>GRAD. CYLINDER</u>
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11. According to today's notes, what are the three most common lab injuries?

eye blinding  
bloody cut  
hair on fire

12. What should you throw on top of a person with burning hair?

fire blanket

13. What do goggles protect from?

eye injury (ACID, FIRE, etc)

14. What simple thing can many people do to prevent their hair from catching on fire?

tie back hair

In Lab, we did this. Before we start,  
Predict the change of mass of each:

Dissolving Sugar:



BEFORE



AFTER

I predict this gets \_\_\_\_\_  
Fluffing Steel wool:



Before



After

I PREDICT this Gets \_\_\_\_\_

~~How to 'mass' something~~

(Predict whether the mass  
will stay the same,  
increase, or decrease)

*announcements:*

Q: What's on all quizzes?

A: Anything from homework or notes. But never a thing that was introduced the day before the quiz.

Q: What's the best way to study?

A: Re-do your old homework!

Then, memorize your notes.

Q: What's the penalty for missing a quiz

A: There's no penalty for missed quizzes or labs. They do not need to be made up; I will average all the quizzes you took, not counting your missed quizzes.

You DO need to make up missed Tests and Homework.

**homework check**

raise a palm if you tried everything

raise a fist if you tried half or more

raise nothing if you tried less than half