

NAME _____

DATE _____

CLASS _____







LAB SAFETY and LAB EQUIPMENT REVIEW




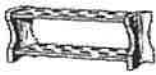




Be able to identify safe lab procedures in the laboratory.

True or False:

1. F Cracked glassware can be used in the lab.
2. F Eating or drinking in the lab is safe as long as it is not done from lab equipment.
3. T It is necessary to report even minor lab accidents.
4. F performing an experiment that has not been assigned or approved by the teacher is acceptable behavior.
5. F it is safe to place your nose directly over a container to smell odors.
6. F It is ok for your toes to be exposed in the lab.
7. F Your hair only needs to be pulled back when performing an experiment with fire.
8. T Goggles should always be worn in the lab.
9. F If a chemical spills, you should clean it up without telling teacher.
10. T If a chemical splatters in your eye, you should use the eye wash for 15 minutes.

Identify lab equipment and give its function:

 <p>Erlenmeyer Flask • measures liquid volume</p>	 <p>Test Tube • observing chemical change</p>
 <p>Test Tube Holder • Holds test tubes (when heated)</p>	 <p>Eye Dropper • obtaining substances in small amounts</p>
 <p>Metric Ruler • measures length</p>	 <p>Scalpel • cutting</p>

 <p>Microscope • makes objects larger</p>	 <p>Graduated Cylinder • measures liquid/volume</p>
 <p>Tweezers/Forceps • Grasping and holding</p>	 <p>Test Tube Rack • Holds test tubes for observing</p>
 <p>Florence Flask • measures liquid volume</p>	 <p>Triple Beam Balance • measures mass</p>
 <p>Beaker • measures liquid/volume</p>	 <p>Thermometer • measures temperature</p>

Metrics: Know how to use lab tools to find the mass, volume and length of various objects.

Triple Beam Balance finds Mass which is measured in grams ex: 20g

Graduated Cylinder finds Volume which is measured in ml ex: 5ml

Metric Ruler finds length which is measured in cm/m ex: 5cm

Matching:

Write the letter that is next to the instrument you would use to measure the given item. (Answers will be used more than once.)

- A Length of a school bus
- C 18 grams of sugar
- B 35 mL of water
- C Mass of 20 dimes
- A 17cm of yarn

A - Meter Stick
B - Graduated Cylinder
C - Triple Beam Balance