

Unit #1 Review Sheet

<p>List situations that could occur during a lab in which you should notify the teacher.</p>	<p>Which piece of safety equipment would you use to</p> <p>(a) Put out a fire in the trash can (b) Put the fire out that has erupted on your lab partner (c) Get chemicals out of your eyes</p>	<p>List the steps of the scientific method in order.</p>
<p>What do we call information that we gather during an experiment? What are the 2 types?</p>	<p>When you suggest that warm water will melt snow and ice, you have made what type of statement?</p>	<p>Is/can a hypothesis...</p> <p>(a) Ever proven? (b) Accepted as correct with being tested with an experiment? (c) Be disproven by a single experiment</p>
<p>What is the purpose of an experiment?</p>	<p>How many variables should you test in a controlled experiment?</p>	<p>What is information gathered by using one of the five senses called?</p>
<p>Use the following diagram to determine whether each statement is an Inference or an Observation.</p>  <p>a. She is holding a stop sign b. It is windy outside c. She is wearing a dress d. She is happy e. She is working at a cross walk f. There are four letters on the sign. g. Her mom made her pancakes for breakfast.</p>	<p>Use the following picture to answer questions differentiating qualitative and quantitative data:</p>  <p>a. Fido has big eyes. b. Fido has two eyes. c. Fido has one nose. d. Fido has a long nose. e. Fido has a wide collar.</p>	<p>Which variable is...</p> <p>a. Observed & recorded (your data)? b. Graphed on the y-axis? c. Controlled and changed by the person conducting the experiment? d. Graphed on the x-axis?</p>
<p>What is a "control" in an experiment? Why is it important to have controls in an experiment?</p>	<p>Which part of the scientific method is stated as an "if, then" statement?</p>	<p>Which group in an experiment gets "tested on"?</p> <p>Which group in an experiment does not get "tested on and is used for comparison?"</p>

List all of the things a good graph should have.

Use the following data chart to answer the questions listed after the chart:

Number of Baskets Made by FVHS Basketball Team

	Group 1 Baskets Made	Group 2 Baskets Made
Day 1	55	40
Day 2	58	45
Day 3	62	48
Day 4	62	50
Day 5	65	53
Day 6	66	54
Day 7	69	59

- On which day did Group 1 make 10 more baskets than Group 2?
- On which day did Group 2 make 50 baskets?
- How many days did Group 1 make 62 baskets?
- List 3 controls in this experiment.

What unit do we use in Biology when we are measuring:
Mass?
Volume?
Length?

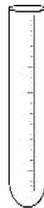
What is name of this lab equipment and what is it used for?



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