

Mr. Hoover's Quick and Easy Home Experiment Homework

Name: _____

Due: Monday, September 16, 2019

Choose one of the experiments below: (Some may be more expensive than others.)

1. Which liquid freezes the fastest?
2. Which gum holds its taste the longest?
3. Which battery last the longest in a flashlight?
4. Which type of paper towel holds the most drops of water?

1. What problem did you choose? _____
2. What is your control subject? _____ (For experiment 2-4 you can choose one.)
3. What is your Experimental subject A: _____
B: _____

4. What information did you collect on your subjects: (Ingredients, price, flavor, color, expiration date, etc..)
Control - _____

EXP. A _____

EXP. B _____

5. What is you Independent Variable? _____

6. What are 4 controlled variables that will be important to your experiment?

1. The same _____
2. The same _____
3. The same _____
4. The same _____

7. What is your hypothesis? _____

8. What are your procedures in the experiment? (What do you do step by step.)(Don't miss any steps!!)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

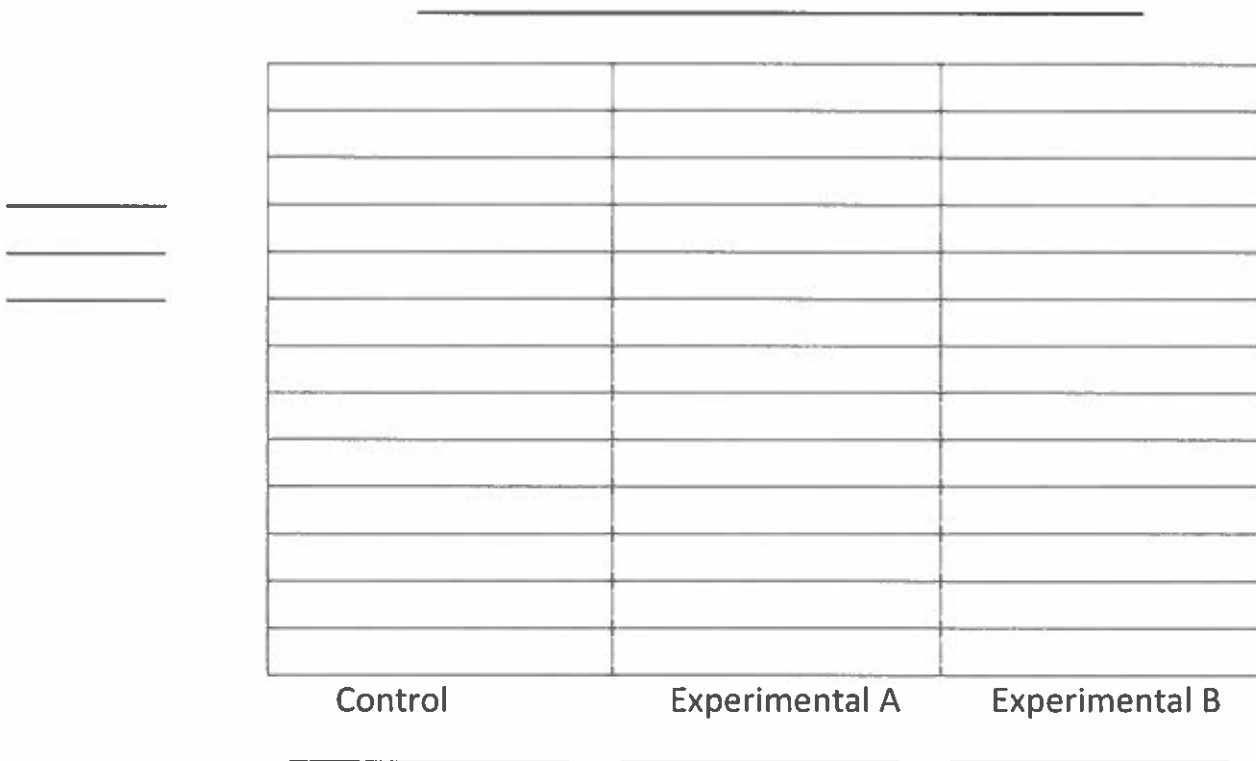
Conduct Your Experiment Now!

Data Collection and Conclusion

Fill in the data table below: (For the results use the units you used. Minutes, drops, hours)

Subjects in the experiment:	Results (time,etc)

Create a bar graph that shows your results: (Color is allowed but not required)



What are 2 dependent variables from the results? (Other things you observed. Not the data.)

1. _____

2. _____

What is your conclusion?

If you have questions email Mr. Hoover: bhoover@canfieldschools.net