

Name _____



Penny Drops II

Problem: To design an experiment in which all but one variable is controlled.

What to do:

1. Look at the list of variables you created in the first Penny Drops lab.
2. Pick one of those variables to test. Have your teacher check this variable:

Variable: _____	Teacher initials: _____
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3. Write a procedure for your experiment. Have your teacher check the procedure:

Teacher initials:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____
- k. _____

4. Create a data table to record the results of your experiment. Have your teacher check your table.

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Teacher initials:

5. Conduct your experiment and record your data.
6. Answer the questions and write a short paragraph explaining the conclusion of your experiment.

Questions:

1. What is the independent variable in the experiment?

2. What is the dependent variable in this experiment?

3. What are the controlled variables in this experiment?

Conclusion:
