

Popper Pre-Lab	Name
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Lab Title:	Period
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Variables (What are the things that could affect the outcome of the investigation?)

Manipulated Variable _____
Responding Variable _____
Controlled Variables (Give 3 or more!) _____

Question (What is being tested in this investigation?)

How will the _____ affect the _____?
independent (manipulated) variable dependent (responding) variable

Hypothesis (Prediction with reason)

If _____,
(Describe a specific change made to the manipulated variable. Recommendation: use words like increase, decrease, more or less.)
then _____
(Describe how you think the responding variable will change. Recommendation: use words like increase, decrease, more or less.)
because _____.
(Why do you think this will happen?)

Materials

- | | |
|---------|---------|
| 1 _____ | 4 _____ |
| 2 _____ | 5 _____ |
| 3 _____ | 6 _____ |

Procedure (Detailed step by step instructions on setting up the investigation)

1. First, _____

Labeled diagram (What will your experimental setup look like?)

Data (Where the responding variable is recorded)

Make a data table that fits your lab!

Conclusion (Start with a summary statement: What was discovered through this investigation?

How did the manipulated variable affect the responding variable? Use data to support your conclusion!)

The data showed that _____

(Make a conclusive statement about what the data shows and then use specific data (#s) to support the conclusion.)
