

Title of Experiment 1: _____ Name: _____

Wild Guess Question: _____

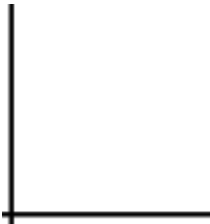
Wild guess: _____

What questions do you have about the wild guess scenario?

Research Question:

Hypothesis: Graph form:

In Words:



IV: _____
DV: _____

Controls: _____ _____ _____

Procedure:

What will affect how far the ball rolls in 5 seconds? List as many specific aspects of the set up that might change things, and explain how you think they will affect the experiment.

_____	How will it affect the experiment? _____
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_____	How will it affect the experiment? _____
_____	How will it affect the experiment? _____
_____	How will it affect the experiment? _____

List the materials you have available for this experiment:

Using your list of things that affect the experiment, write a procedure that another group could follow and make the **set up** the same as yours. Use detailed pictures and words to **explain how to set up** the experiment.

Considering the original research question, explain how you will take the measurements needed to determine the relationship between the experimental variables. Use detailed pictures and words to **explain how to take the data** for the experiment.

Data:
Value of Controls:

Qualitative Data:

Equation:

=

Graph:

Conclusion: _____

Research Extension Question: _____

Self-Evaluation:

Completed question & hypothesis?	Hypothesis in graph and written form?	Clear procedure with picture and description?	Independent, dependent and controlled variables?	Units & uncertainties in data table?	Axes labeled with units?	Drawn best fit line and recorded equation?	Equation in terms of experimental variables?	Conclusion complete with all 5 parts?

Reflection on procedure:

Now that you are done with the experiment, what would you do differently if you were to do it again? Why?

