Quick Science Mini-Lab Report

Title:_____

*Observation/Question:_____
_____
_____
_____

*Hypothesis:_____
_____
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_____

*Procedure/Experiment:_____
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_____
_____
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_____

*Control:_____

*Variable:_____

Data-fill in the chart by taking measurements of the growth you see (scientists use the metric system, so you should measure in cm):

Days of growth	Green Onion growth in cm	Celery growth in cm
Day 1		
Day 2		
Day 3		
Day 4		
Day 5		
Day 6		
Day 7		

*Data Analysis and Conclusion:_____

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*Observation/Question-What do you want to know? For example, “why do shadows form?”

*Hypothesis-What do you think is the answer to your Observation/Question? This must be able to be tested through an experiment. For example, “shadows form because objects get in the way of a light source.”

*Procedure/Experiment-Describe the steps of the experiment you did/will do to test your hypothesis. For example, “I set up two light sources and I put something in front of one of the light sources and recorded if a shadow formed. I did not put anything in front of the other light source and I recorded if a shadow formed there.”

*Control-When you perform an experiment, you should always have something that you are not testing to use as a comparison. For example, “I did not put anything in front of one of the light sources.”

*Variable-When you perform an experiment, you are testing something. You variable is the thing you are testing. For example, “I put something in front of a light source to perform a test to see if a shadow would form.”

*Data Analysis and Conclusion-Was your hypothesis correct? Why or why not? For example, “my hypothesis was correct because when I put an object in front of the light source, a shadow formed.”