

Name \_\_\_\_\_

Class \_\_\_\_\_

## The Scientific Method Questions

1) After analyzing pictures A and B, list 4 conditions that are constant (the same) in this experiment. For example, both plants were in the same type of pot.

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2) After analyzing pictures A and B, list the one condition that was different between the two pictures.

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3) This was the one variable that was controlled and changed by scientist during the experiment. This variable is know as the \_\_\_\_\_ variable.

4) By analyzing the graph below, what was plant growth measured in?

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5) On day 0, how tall were both plants?

6) The graph below recorded how the amount sunshine over several days affects height. In this experiment, height was the \_\_\_\_\_ variable.

7) Since both the independent and dependent variables are known, please state the problem that this experiment was testing.

This experiment was testing.....

8) By analyzing the graph below, do plants grow better with or without sunlight?

9) Once the conclusion has been stated, what is the final step of the scientific method?