



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_


1 What is written on **Line 2** of this lab report?

Line 1: Mark Hetfield  
 Line 2: I think that plant A will grow taller than plant B.  
 Line 3: 2 seeds, 2 cups, soil, water, marker

A the results of Mark's experiment  
 B the supplies needed for experiment  
 C Mark's name  
 D Mark's hypothesis

2 An experiment needs at least two parts that can be **compared**. What is the part of an experiment that you **do not make any changes to**?

A your hypothesis  
 B your data  
 C the dependent variable  
 D the control variable



3 What is the best way to **test your hypothesis**?

4 It is important to **collect** and **record** the data you get from an experiment. When should this be done?



**PREVIEW**

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7 **Methods to always \_\_\_\_\_ the conclusions and statements you make after an experiment.**


SCIENTIFIC METHOD

QUESTIONS  
 COMMUNICATE  
 HYPOTHESIS  
 CONCLUSIONS  
 EXPERIMENT  
 COLLECT DATA

A hide  
 B show evidence of  
 C predict  
 D clean up

8 **Experiment:** Combine baking soda and vinegar together in a beaker.


A Vinegar will have an odor, baking powder will not.  
 B Baking soda will test as a basic substance.  
 C Vinegar and oil will not mix together.  
 D The baking soda will bubble when mixed with vinegar.



9 Which **hypothesis** would be best tested by conducting this experiment?

**Hypothesis:** \_\_\_\_\_  
**Experiment:** Place a piece of bread in a plastic bag labeled A, and a piece of bread on a plate labeled B. Observe both pieces of bread each day.

A Mold will grow in the sun, but not in shade.  
 B Mold will grow faster in a bag than on a plate.  
 C Mold will grow on bread soaked in water.  
 D Mold will grow faster on white bread than rye.



10 Completing **every step** of the scientific method **in order** will lead to the most accurate results.

True or false?

A true  
 B false

SCIENTIFIC METHOD

QUESTIONS  
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SCIENTIFIC METHOD



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