

Paper Towel Challenge Review

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Understanding the Scientific Method

Name: _____

Date: _____

Answer the following questions based on the Paper Towel Challenge lesson.

1. What is the first step of the scientific method?

- A. Make a hypothesis
- B. Ask a question
- C. Conduct an experiment

2. The Paper Towel Challenge tests the ____ of different paper towel brands.

3. A fair test means changing only one variable at a time during the experiment.

- True False

4. What was one thing you observed during the Paper Towel Challenge experiment?

5. Which of these is NOT a step in the scientific method?

- A. Form a hypothesis
- B. Analyze results
- C. Make a prediction

6. Why is careful observation important in a scientific experiment?

7. According to Proverbs 2:6, Yahweh gives ____ and understanding.

8. It is okay to change multiple variables in an experiment to get different results.

- True False

9. What could change the results of the Paper Towel Challenge?

- A. Different amounts of water
- B. Different paper towel sizes
- C. All of the above

10. How can we ensure that our experiment is fair? List one way.

Answer Key

1. Ask a question 2. absorbency 3. True 4. I noticed that one brand absorbed more water than the others. 5. Make a prediction 6. Because it helps us gather accurate data and understand the results better. 7. wisdom 8. False 9. All of the above 10. We can use the same amount of water for each paper towel brand.