

# 5th Grade Math Review: Science Experiment

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## Understanding Real-World Math Applications

Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Answer the following questions based on the lesson content about conducting a scientific experiment using math.*

1. What are the main steps of a scientific investigation?

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2. What is the importance of precise measurements in an experiment?

- A. They help to make the experiment more fun
- B. They ensure the results are accurate
- C. They are not really important

3. God gives us wisdom, and out of His mouth comes \_\_\_\_ and understanding.

4. Mathematical skills are not needed for scientific experiments.

- True       False

5. How can math help us understand the world around us? Give an example.

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6. What type of data did you collect during the seed germination experiment?

- A. Color of the seeds
- B. Height of the plants
- C. Number of seeds in a packet

7. During the experiment, I had to \_\_\_\_ the growth of the seeds over time.

8. Critical thinking is not a part of conducting a scientific experiment.

- True       False

9. What did your data tell you about the seed growth in your experiment?

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10. Which verse reminds us that wisdom comes from God?

- A. Proverbs 2:6
- B. Genesis 1:1
- C. John 3:16

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Answer Key

1. The main steps are asking a question, forming a hypothesis, conducting the experiment, collecting data, and analyzing the results. 2. They ensure the results are accurate 3. knowledge 4. False 5. Math helps us understand patterns and make predictions. For example, we can use measurements to predict how tall a plant will grow. 6. Height of the plants 7. measure 8. False 9. My data showed that the seeds grew the tallest when they received more sunlight. 10. Proverbs 2:6