

# Scientific Investigation Skills Review

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## Understanding Conducting Investigations

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

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

Answer the following questions based on the lesson about scientific investigations.

1. What is the first step in conducting a scientific investigation?

- A. Collecting data
- B. Planning the investigation
- C. Recording observations

2. Why is precise measurement important in science?

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3. Wisdom is \_\_\_\_; therefore, we should seek to understand and observe carefully.

4. Accurate data collection is not important in scientific investigations.

- True       False

5. How can we ensure our data is reliable?

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6. What should you do after collecting data during an investigation?

- A. Throw the data away
- B. Discuss it with friends
- C. Record it in a science journal

7. During your investigation, you should always be patient and \_\_\_\_ in your observations.

8. The lesson emphasizes the importance of careful observation in understanding God's creation.

- True       False

9. What did you discover during your investigation?

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10. Which scripture reminds us of the importance of getting wisdom and understanding?

- A. Proverbs 4:7
- B. Genesis 1:1
- C. John 3:16

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### Answer Key

1. 1    2. Precise measurement is important because it helps ensure that our results are accurate and reliable. This allows others to repeat the experiment and confirm findings.    3. supreme    4. False    5. We can ensure our data is reliable by using consistent methods of measurement and recording our observations carefully in a science journal.    6. Record it in a science journal    7. precise    8. True    9. I discovered that plants grow taller with more sunlight compared to those that receive less sunlight.    10. Proverbs 4:7