

Name _____

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Quiz on the Scientific Method

Answer the questions below on a separate sheet of paper. When your done check your answers with the answers below.

1. An orderly, systematic approach to a problem is called the
 - a. Investigation
 - b. scientific method
 - c. experiment
 - d. conclusion
2. A proposed solution to a scientific problem is called a
 - a. conclusion
 - b. control
 - c. hypothesis
 - d. theory
3. In any experiment the one factor being tested is the
 - a. Control
 - b. Data
 - c. variable
 - d. hypothesis
4. What step comes after forming your hypothesis
 - a. Experiment
 - b. Record and Analyze Data
 - c. gather information
 - d. repeat your work
5. List some ways you can record your data?
6. Why is it important to repeat your work?
7. List the steps to the scientific method in order.
8. After being presented with a problem, what is your next step and why is it important?
9. What are recorded observations of measurement?
10. Why is the scientific method important?