

Name _____ Date _____ Number _____

The Scientific Method Vocabulary Test



Directions: Match the vocabulary word with the definition. Write the letter for the definition that matches the word in the blank.

- _____1. Hypothesis
- _____2. Variables
- _____3. Conclusion
- _____4. Procedure
- _____5. Data
- _____6. Observation
- _____7. Materials
- _____8. Replicate
- _____9. Investigation
- _____10. Scientific Method

- a. The steps you take to complete the experiment.
- b. The process scientists follow to complete an investigation (question, hypothesis, materials, procedure...)
- c. Things you need to complete your experiment
- d. The results of the experiment.
- e. The information you collect from the experiment (usually in numbers)
- f. To repeat the experiment
- g. Watching and noticing events that happen during an experiment
- h. A prediction about what will happen with the experiment
- i. An experiment designed to answer a question
- j. Parts of an experiment that can be changed and can affect the results of an experiment