## SCIENTIFIC METHOD

Name \_\_\_\_\_

Put the following steps of the scientific method in the proper order.

\_\_\_\_\_ Research the problem.

Observe and record.

\_\_\_\_ Make a hypothesis.

\_\_\_\_\_ldentify the problem.

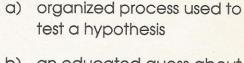
Arrive at a conclusion.

\_\_\_\_\_ Test the hypothesis.



Match the following terms with the correct definition.

- \_\_\_\_\_1. hypothesis
- \_\_\_\_\_ 2. control
- \_\_\_\_\_3. variable
- \_\_\_\_\_ 4. experiment
- \_\_\_\_\_5. conclusion
- \_\_\_\_\_ 6. theory
  - \_\_\_\_\_ 7. data



- b) an educated guess about the solution to a problem
- c) observations and measurements recorded during an experiment
- d) a judgment based on the results of an experiment
- e) a logical explanation for events that occur in nature
- f) used to show that the result of an experiment is really due to the condition being tested
- g) factor that changes in an experiment