

Name \_\_\_\_\_

Date \_\_\_\_\_

## SCIENTIFIC METHOD

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

- \_\_\_\_\_ Research the problem.
- \_\_\_\_\_ Observe and record.
- \_\_\_\_\_ Make a hypothesis.
- \_\_\_\_\_ Identify 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
- a) An organized process used to test a hypothesis
  - 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

