

SCIENTIFIC METHOD

Name _____

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) 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

