Name: _____ Date: _____

"The Scientific Method" Questions

___ 1. In the scientific method, before conducting any experiments, it is necessary to

a. make discoveries.
b. draw conclusions.
c. form a hypothesis.
d. collect results.

___ 2. If the hypothesis is proved wrong, the next step would be to create a new hypothesis and follow steps of the scientific method steps again. What step would be next?

a. collect more results.
b. draw conclusions.
c. conduct more experiments.
d. do nothing, you are done.

___ 3. An experiment that is most appropriate to prove the hypothesis that it rains more in April than in March would be to

a. count how many days it rains in April.
b. measure the growth of flowers during the month of March.
c. count the number of sunny days in March and April.
d. collect and measure the amount of rain in March and in April.

___ 4. The step just before deciding whether your hypothesis is correct or incorrect would be to

a. make a prediction.
b. perform an experiment.
c. collect results.
d. make observations.

___5. What question about the world around you could be answered using the scientific method? Explain how you could use the scientific method to answer your question.

_____

_____