

Introduction to Science

Please read the following questions and answer in point form. Use pages 512-517.

1. What are the 7 steps to science inquiry?
 - a.
 - b.
 - c.
 - d.
 - e.
 - f.
 - g.
2. In a cause and effect question, what is the independent variable and dependent variable referring to? Provide 1 example.
3. How are the experiment and the hypothesis related? Provide an example of a hypothesis.
4. What are some questions to think about when developing a procedure?

5. Why is it important that your record-keeping be organized and neat?
6. How does a graph help in analyzing and interpreting the data?
7. List three examples of common sources of error.
8. Explain why the conclusion of an experiment is not always the last step in the scientific process.