

Chapter 1

Use with Section 2

REINFORCEMENT**● Doing Science**

Choose from the following terms. Complete the sentences below. Some of the terms may not be used.

models	metric	English
trials	hypothesis	experiment
control	bias	variable

- Prior knowledge, new information, and previous observations are used to form a(n) _____.
- A(n) _____ is a sample treated like other experimental groups except that the variable is not applied.
- Computer _____ help modern scientists do their work.
- After a hypothesis is developed, a(n) _____ is often designed to test the hypothesis.
- Multiple _____ of an experiment ensure valid results.
- Experiments are reliable only if one _____ at a time is tested.
- The International System of Units is based on the _____ system.

Match the SI unit with what it measures by writing the correct letter in the space provided.

- | | |
|------------------------|-----------|
| _____ 8. meter | a. mass |
| _____ 9. kilogram | b. volume |
| _____ 10. square meter | c. length |
| _____ 11. cubic meter | d. area |