

Chapter 1 The Science of Biology

Vocabulary Review

Completion Use the words below to fill in the blanks with terms from the chapter.

controlled experiment data	homeostasis hypothesis	manipulated
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1. The process by which an organism keeps internal conditions fairly constant is _____.
2. A(An) _____ is a procedure that changes only one variable at a time and keeps the others constant.
3. The information you gather from observations makes up your _____.
4. A(An) _____ is a proposed and testable scientific explanation for a set of observations.
5. In a controlled experiment, the variable that is changed is called the _____ variable.

Completion Use the words below to fill in the blanks with terms from the chapter.

cell electron	metabolism theory
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6. The smallest functional unit of life is the _____.
7. The chemical reactions by which an organism builds up or breaks down the materials needed for life is _____.
8. A well-supported hypothesis is called a(an) _____.
9. A(An) _____ microscope produces images by focusing beams of electrons.