

Name _____ Period _____

SECTION 1-1 What is Life?

Understanding main ideas

1. What are six **characteristics** all living things share?

2a. What is spontaneous generation:

2b. How did Redi's experiment help disprove the idea of spontaneous generation?

3. What are the four basic **needs** all living things share?

4. Describe the difference between growth and development.

Building vocabulary

From the list below, choose the term that best completes each sentence.

plants	animals	fungi	controlled experiment
unicellular	multicellular	organisms	spontaneous generation
homeostasis	response	variable	stimulus
cell	reproduce		

5. A change in an organism's environment that causes the organism to react is called _____.
6. Organisms that make their own food are _____.
7. _____ organisms are composed of many cells.
8. _____ is the mistaken idea that living organisms arise from non-living sources.
9. All living things are called _____.
10. The _____ is the basic unit of structure in an organism.
11. Organisms that get energy by consuming other organisms are _____ and _____.
12. An organism reacts to a stimulus with a(n) _____.
13. A(n) _____ is conducted by performing two tests that are identical except for one factor called a _____.
14. An organism's ability to maintain stable internal conditions is called _____.
15. To _____ is to produce offspring.
16. Bacteria, the most numerous organisms on Earth, are _____ organisms.

Bonus (these terms are not in the word bank):

- A. Organisms that make their own food such as plants are called _____.
- B. Organisms that do not make their own food such as animals and fungi are called _____.