

SECTION 1.1 SINGLE-CELLED ORGANISMS HAVE ALL THE CHARACTERISTICS OF LIVING THINGS.

## 1.1 Reading Study Guide

**BIG IDEA** Bacteria and protists have the characteristics of living things, while viruses are not alive.

**KEY CONCEPT** Single-celled organisms have all the characteristics of living things.

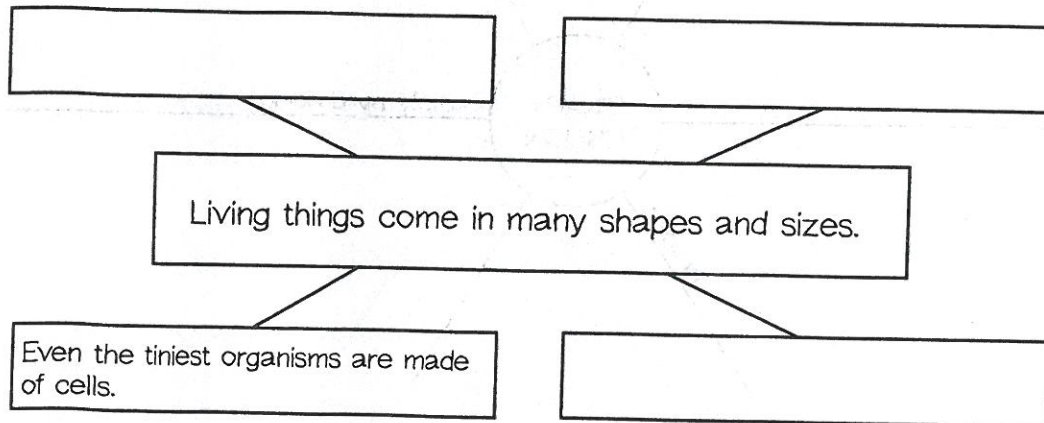
### Review

All living things are made of cells.

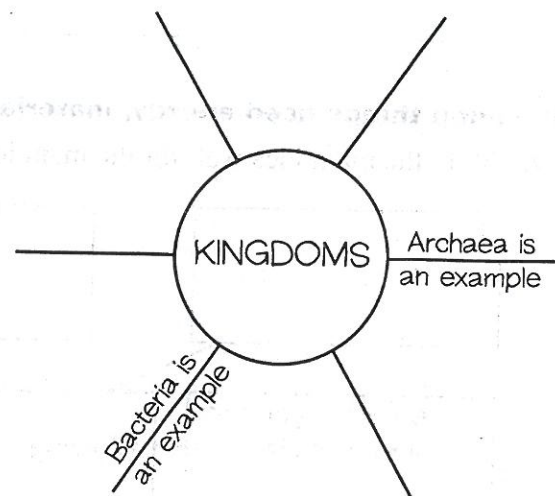
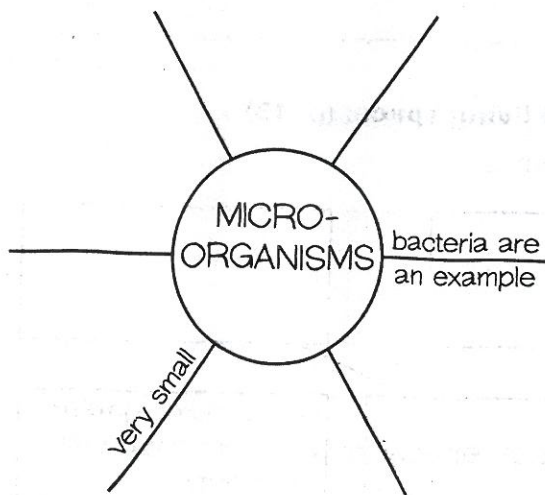
### Take Notes

#### I. Living things come in many shapes and sizes. (p. 9)

1. Fill in the main idea web for the main idea shown.



2. Fill in the description wheels for *microorganisms* and *kingdoms*.



**II. Living things share common characteristics. (p. 11)**

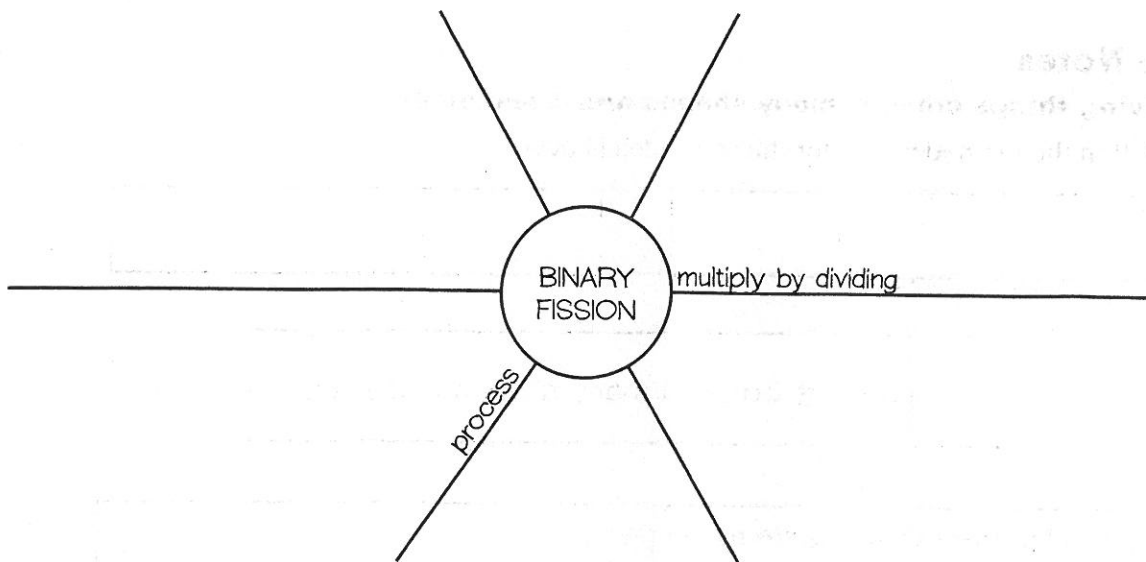
3. What are four characteristics that all living things have in common?
- \_\_\_\_\_

**A. Organization and Growth (p. 11)**

4. Why do one-celled organisms consume food and other materials?
- \_\_\_\_\_

**B. Reproduction (p. 12)**

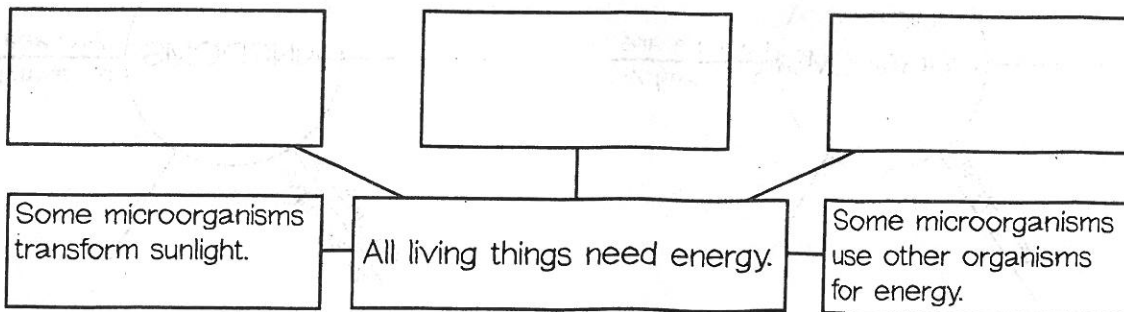
5. Fill in the description wheel.


**C. Response (p. 12)**

6. Why is it important for organisms to respond to the environment?
- \_\_\_\_\_

**III. Living things need energy, materials, and living space. (p. 13)**

7. Fill in the main idea web for the main idea shown.


**IV. Viruses are not alive. (p. 14)**

8. What is a virus? \_\_\_\_\_