

**Cell Structure and Function** ▪ *Review and Reinforce*

# Discovering Cells

## Understanding Main Ideas

Fill in the blanks in the table below.

### Discovering Cells

Scientist	Contribution
1. _____	One of the first people to observe cells
Leeuwenhoek	2. _____
3. _____	Concluded that all plants are made up of cells
Schwann	4. _____
5. _____	Proposed that all cells come from other cells

Answer the following questions on a separate sheet of paper.

6. Compare and contrast magnification and resolution.
7. State how an electron microscope differs from a light microscope.
8. Explain how cells are related to living things.

## Building Vocabulary

Match each term with its definition by writing the letter of the correct definition in the blank beside the term.

- |                       |  |
|-----------------------|--|
| _____ 9. cell         | a. a widely accepted explanation of the relationship between cells and living things |
| _____ 10. microscope  | b. the basic unit of structure and function in living things                         |
| _____ 11. cell theory | c. an instrument that makes small objects look larger                                |