

Living Things ▪ *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.

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