

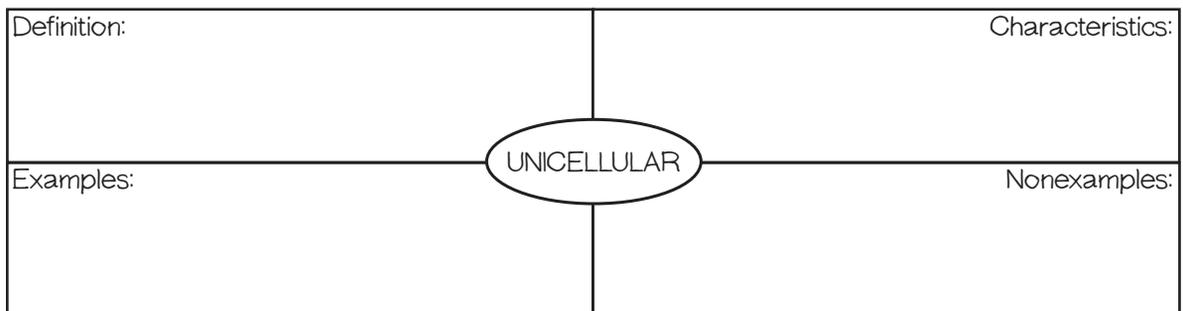
SECTION | THE CELL IS THE BASIC UNIT OF LIVING THINGS.

**1.1** Reading Study Guide B**BIG IDEA** All living things are made up of cells.**KEY CONCEPT** The cell is the basic unit of living things.**Review**

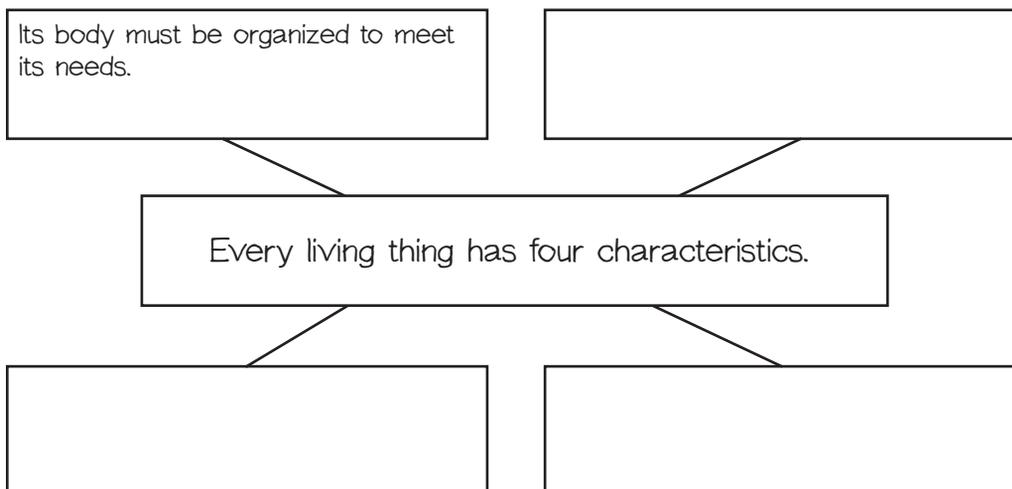
A theory is a well-tested explanation of many observations.

**Take Notes****I. Living things are different from nonliving things.**

1. Fill in the four square diagram for
- unicellular*
- .

**A-B. Characteristics of Life and Needs of Life**

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



3. What are the three things every organism needs in order to live?

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**II. All living things are made of cells.**

4. In the table below, write a definition and one example for each word.

	Definition	Example
Unicellular		
Multicellular		

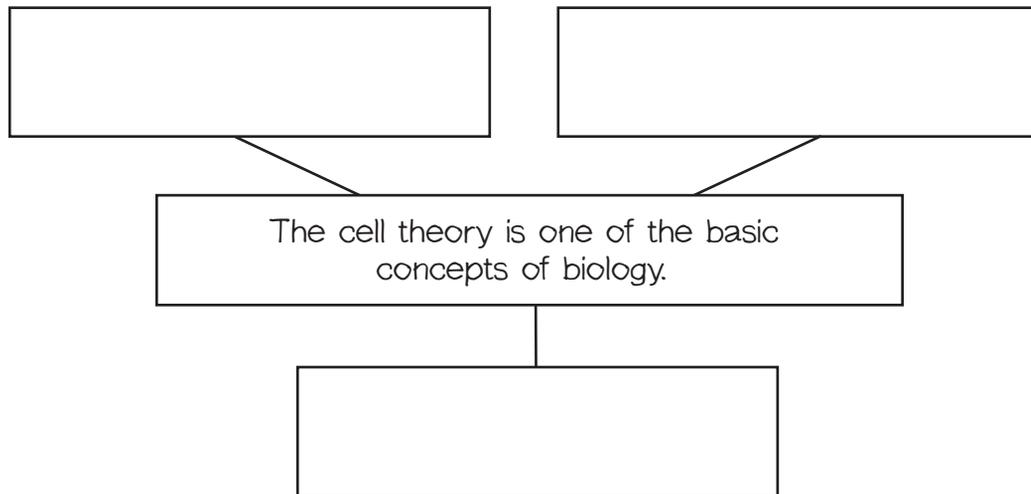
**III. The microscope led to the discovery of cells.**

5. Why did people not know about cells before the invention of the microscope?

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**IV. Cells come from other cells.**

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



**V. The cell theory is important to the study of biology.**

**A-B. Louis Pasteur and The Source of Bacteria**

7. A modern scientist is trying to repeat Pasteur’s experiment. In step one, she boils a nutrient broth. In step two, she seals the broth and lets it sit for one week. For step three, explain what the broth will look like after the week has passed, and why.

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