

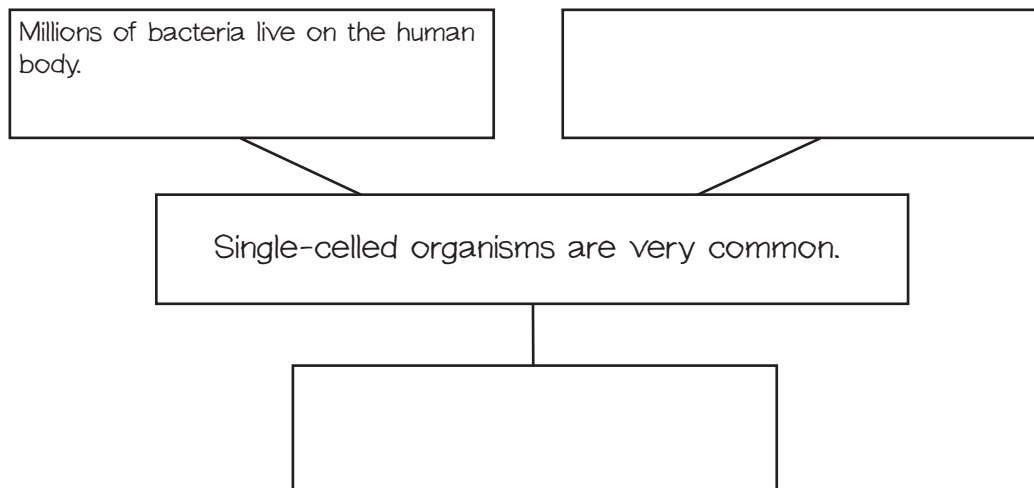
SECTION DIFFERENT CELLS PERFORM VARIOUS FUNCTIONS.

**1.3 Reading Study Guide B****BIG IDEA** All living things are made up of cells.**KEY CONCEPT** Different cells perform various functions.**Review**

Plant cells and animal cells have similarities and differences.

**Take Notes****I. Organisms can be classified by their cell type. (p. 26)**

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

**A. Archaea and Bacteria (p. 27)**

- What is a domain?

\_\_\_\_\_

- Mark an X in the column if the description fits.

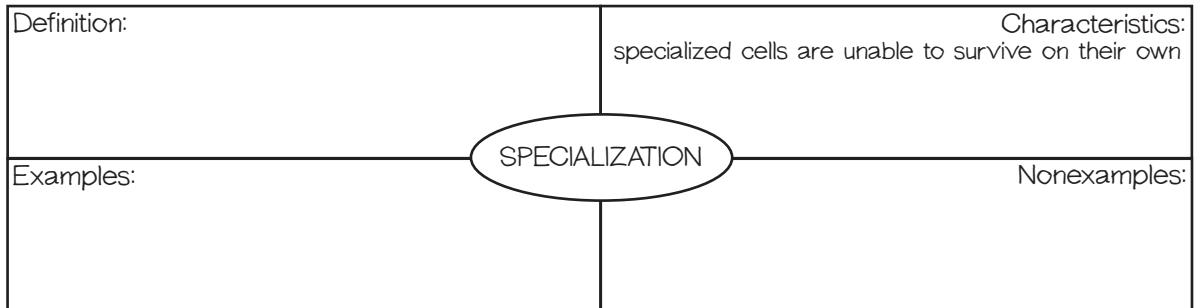
	Archaea	Bacteria
Have a tough cell wall		
First discovered in the 1970s		
Cytoplasm has no organelles		
Have no nucleus		

**B. Eukarya (p. 28)**

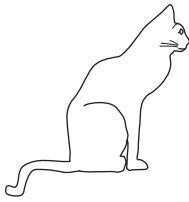
4. What are some examples of organisms that are eukaryotes?
- \_\_\_\_\_

**II. Cells in multicellular organisms specialize. (p. 28)**

5. Fill in the four square diagram for *specialization*.

**III. A multicellular organism is a community of cells. (pp. 29–31)**

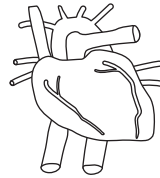
6. Identify each sketch as either a cell, a tissue, an organ, an organ system, or an organism.



Cat



Plant Cell



Heart



Flakes of Skin

\_\_\_\_\_

\_\_\_\_\_

**IV. Scientists use models to study cells. (p. 32)**

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

