

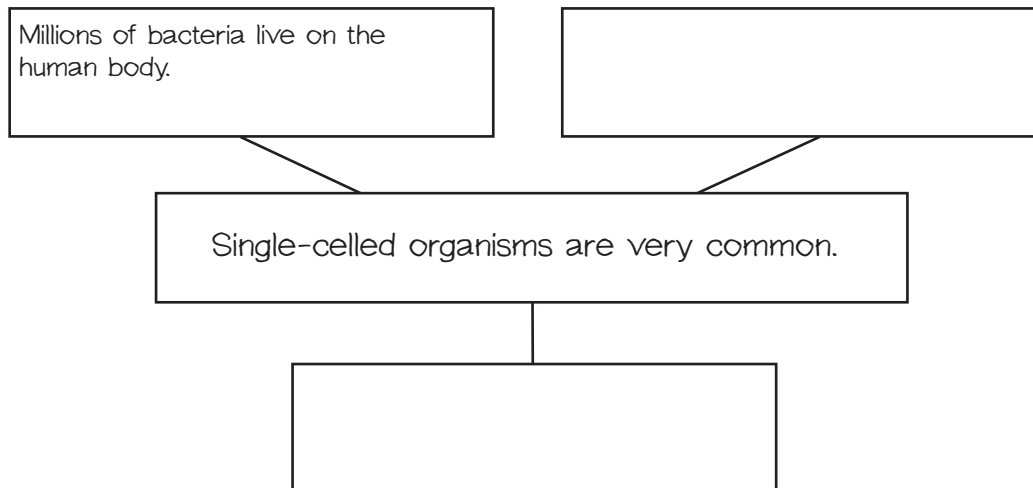
SECTION | CELLS CAN PERFORM SPECIALIZED FUNCTIONS.

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

Plant cells and animal cells have similarities and differences.

Take Notes**I. Organisms can be classified by their cell type.**

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

**A. Archaea and Bacteria**

- What is a domain?

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

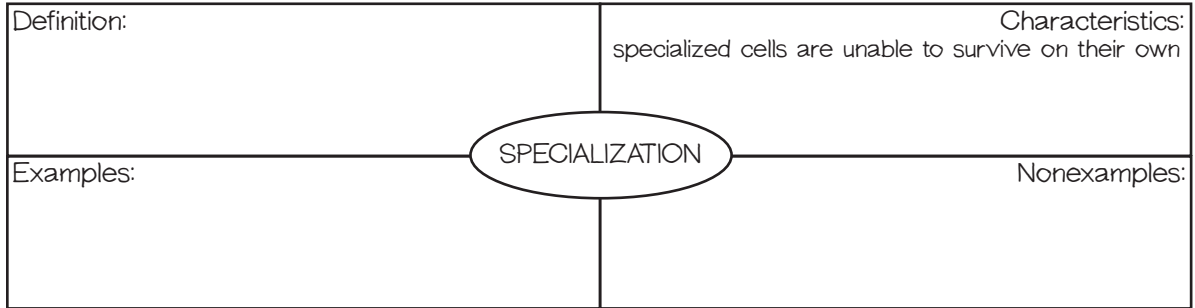
	Archaea	Bacteria
Have a tough cell wall		
First discovered in the 1970s		
Cytoplasm has no organelles		
Have no nucleus		

B. Eukarya

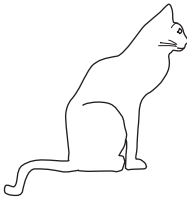
4. What are some examples of organisms that are eukaryotes?
- _____

II. Cells in multicellular organisms specialize.

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

**III. A multicellular organism is a community of cells.**

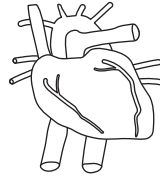
6. Identify each sketch as either a cell, a tissue, an organ, an organ system, or an organism.



Cat



Plant Cell



Heart



Flakes of Skin

IV. Scientists use models to study cells.

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

