

Name _____

Date _____

Use with textbook page 27.

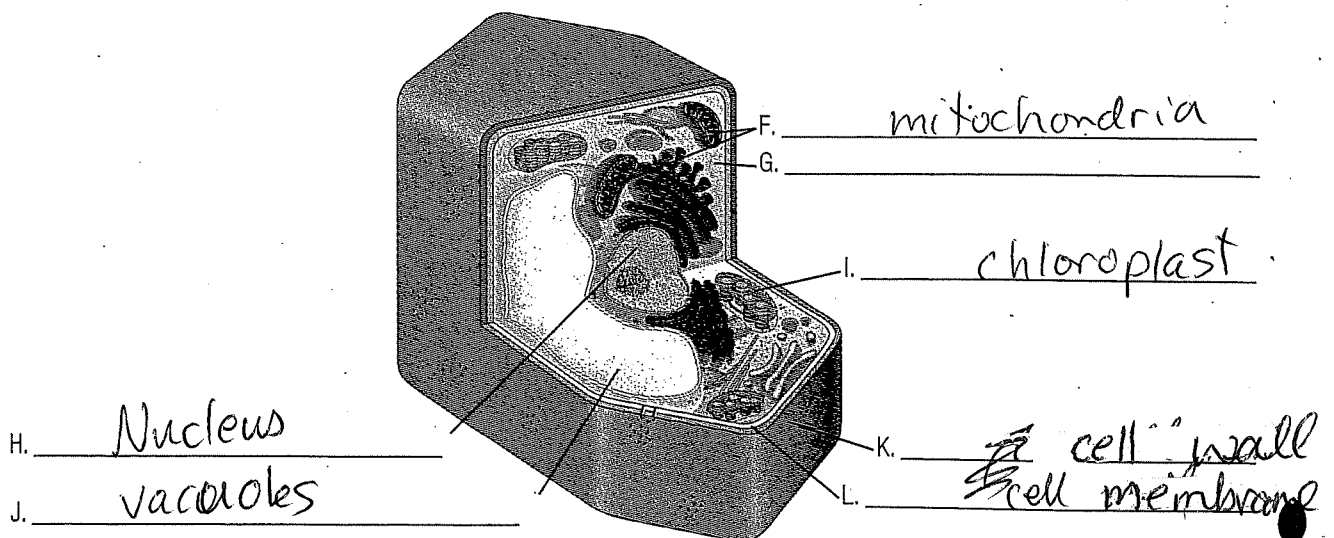
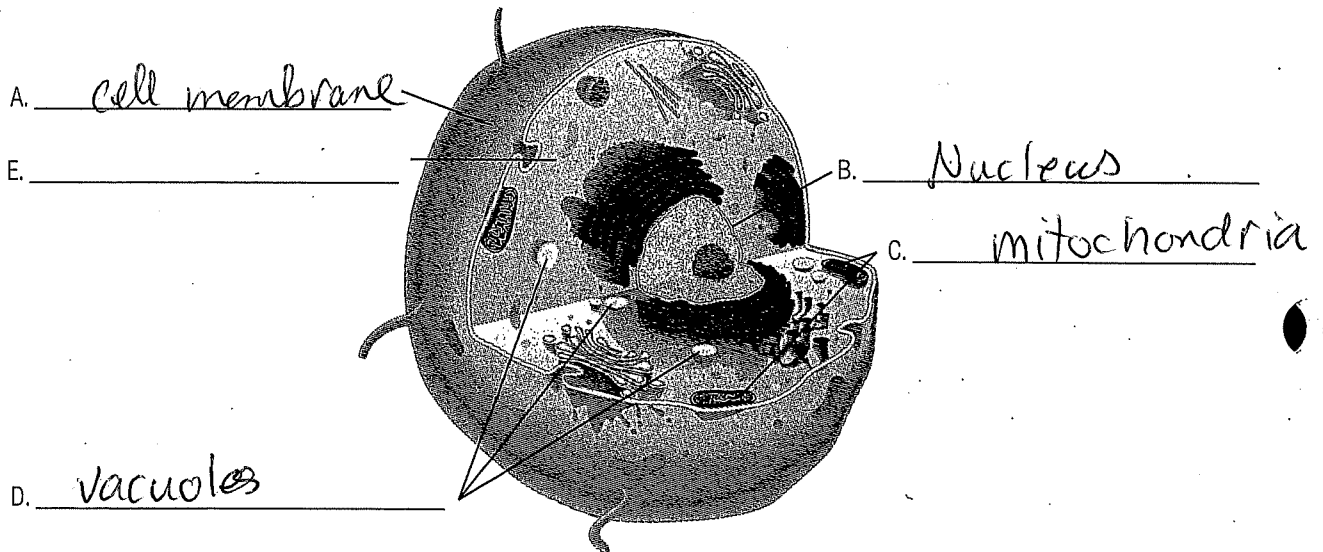
Parts of cells

Vocabulary

cell membrane
nucleus
cell wall
chloroplast

vacuole
vacuoles
cytoplasm
mitochondria

Use the terms in the box to label the parts of an animal cell and a plant cell. Terms may be used more than once.



Use with textbook pages 24–29.

Inside a cell

Vocabulary

bacteria	living thing
cell theory	mitochondria
cell membrane	organelle
cell wall	prokaryotic
chloroplasts	nucleus
cytoplasm	vacuoles
eukaryotic	viruses

Use the terms in the vocabulary box to fill in the blanks. Each term may be used only once. You will not need to use all the terms.

1. A(n) organelle is a cell structure in which functions are carried out to ensure the cell's survival.
2. Each cell is surrounded by a cell membrane that separates the interior of the cell from its surroundings.
3. Within the cell is a jelly-like substance called cytoplasm.
4. The nucleus is the organelle that controls all the activities within the cell.
5. The mitochondria are the energy producers in the cell.
6. Vacuoles are temporary storage compartments that sometimes store waste.
7. The cell wall is a tough, rigid structure that surrounds the cell membrane and protects the cell.
8. The chloroplasts trap the energy from the Sun and change it into chemical energy.
9. Plant and animal cells are examples of eukaryotic cells.
10. Prokaryotic cells are cells that do not have organelles with membranes around them.
11. bacteria are examples of prokaryotic cells that can cause disease.
12. Viruses are examples of non-living things that are able to reproduce.

Use with textbook pages 32-34.

True or false?

Read the statements given below. If the statement is true, write "T" on the line in front of the statement. If it is false, write "F" and rewrite the statement to make it true.

1. T The cell is the basic unit of life.

2. F All organisms are composed of only one cell.

Prokaryotes

3. F Animal cells use chloroplasts to trap the Sun's energy.

Plant

4. F Prokaryotic cells are cells that are surrounded by a cell wall.

Plant

5. T Eukaryotic cells are cells that are surrounded by a cell membrane.

6. T Some bacteria cause diseases.

7. T Viruses are non-living things.

8. F Bacteria are an example of eukaryotic cells.

prokaryotic

