

Name \_\_\_\_\_

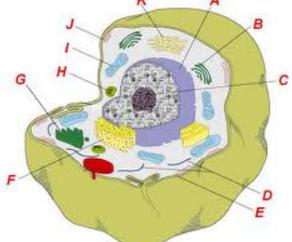
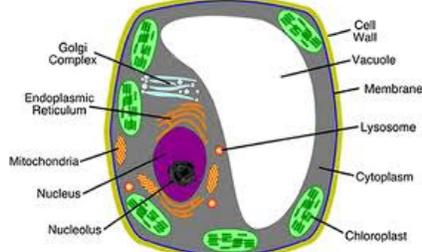
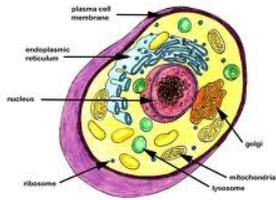
Period \_\_\_\_\_

Date \_\_\_\_\_

## Cells Study Guide/Practice Quiz

### Sixth Grade Science

Identify if the pictures below show an animal cell or a plant cell. Explain why

Picture	Type of Cell
	<p>Type of Cell:</p> <p>Why?</p>
	<p>Type of Cell:</p> <p>Why?</p>
	<p>Type of Cell:</p> <p>Why?</p>
	<p>Type of Cell:</p> <p>Why?</p>

What is the function of each cell organelle?

Cell Organelle	Job/Function
Nucleus	
Ribosome	
Cell membrane	

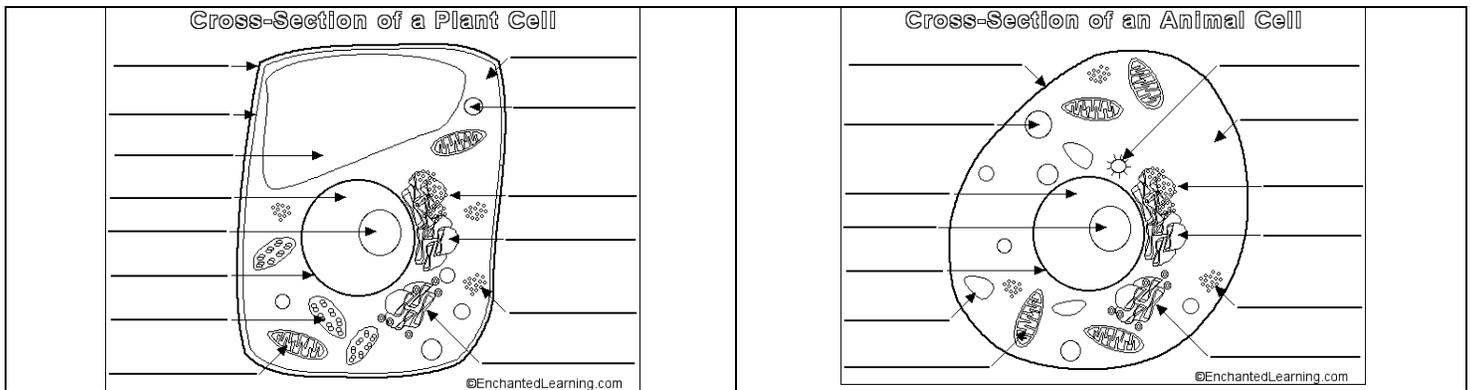
For help on the concepts covered on this page, refer to the following pages in your Cells Unit Packet: Pages 2, 17, 18, 21, 31, 32, 33, 34, 35, 44, 45, 47, 48.

Complete the table below.

Comparing a School to a Plant Cell

Cell Part	Function	School
Mitochondria	Converts the energy in food into a form a cell can use to grow, divide, and do its work.	
	This part contains digestive enzymes that destroy worn out or damaged organelles, wastes and invading particles.	Recycling Bins/Trash Cans
Cell wall	A rigid structure that surrounds the cell membrane and provides support to the plant cell.	

For help on the concepts covered in this section above, refer to the following pages in your Cells Unit Packet: Pages 2, 17, 18, 21, 31, 32, 33, 34, 35, 37-31, 44, 45, 47, 48. Also refer to Cells Vocabulary – Part II



State and explain how the two cells in the figure above are the same and how they are different.


For help on the concepts covered in this section above, refer to the following pages in your Cells Unit Packet: Pages 2, 17-18, 31-32, 48

How is entering a plant cell different from entering an animal cell?


For help on the concepts covered in this section above, refer to the following pages in your Cells Unit Packet: Pages 2, 17-18, 31-32, 48

Organisms are either unicellular or multicellular. State two characteristics of each type of organism.

Unicellular Organisms	Multicellular Organisms

For help on the concepts covered in this section above, refer to the following page in your Cells Unit Packet: Page 13

Which of the following correctly shows the order from simplest to most complex in multicellular organisms?

- A. cell → organ system → tissue → organ
- B. cell → tissue → organ → organ system
- C. organ system → organ → tissue → cell
- D. organ system → organ → cell → tissue

What is the relationship between tissues and organs?

- A. Organs are made from one type of tissue.
- B. Tissues are made from one type of organ.
- C. Tissues are made from different types of organs.
- D. Organs are made from different types of tissues.

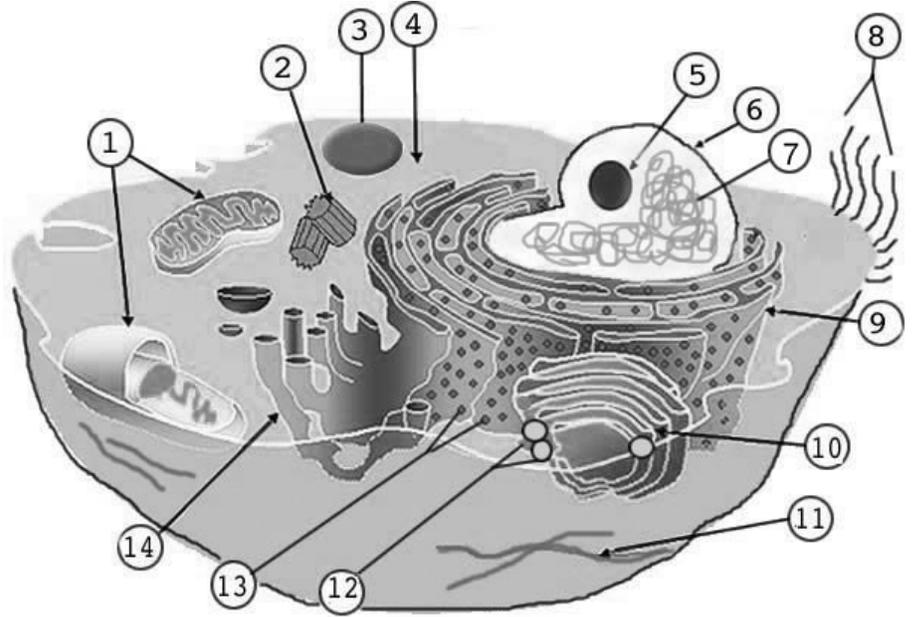
Which is an example of a group of cells with a common structure and function?

- A. stomach
- B. muscle tissue
- C. mitochondria
- D. digestive system

# Cell Labeling

DO NOT LABEL 2, 8, 12, 14

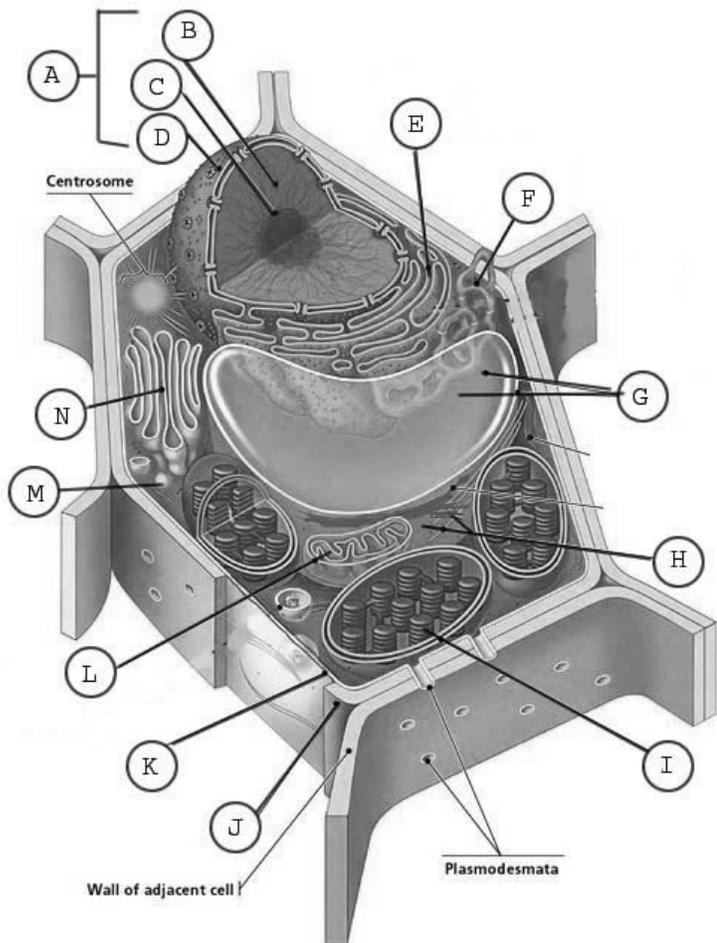
- 1. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 13. \_\_\_\_\_



DO NOT LABEL B, F, H, M

DO NOT LABEL B, F, H, M

- A. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_
- E. \_\_\_\_\_
- G. \_\_\_\_\_
- I. \_\_\_\_\_
- J. \_\_\_\_\_
- K. \_\_\_\_\_
- L. \_\_\_\_\_
- N. \_\_\_\_\_



For help on labeling the parts of the cell, refer to the documents in your science folder.