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oking Ir	side Cell	ls	The April of the Company of the Comp
s section describ		nd function in plant cells	and animal cells, and
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te two questions		lant and Animal Cells <i>i</i> out the illustrations in a gour questions.	
	F	Plant and Animal Cells	
Q. How are ar	nimal cells different	t from plant cells?	
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What are orga	anelles?		

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- 3. Circle the letter of each sentence that is true about the cell wall.
  - a. Cell walls are made of cellulose.
  - b. Plant cells have cell walls.
  - c. Animal cells have cell walls.
  - d. Water and oxygen cannot pass through the cell wall.
- 4. What does the cell wall do?
- 5. Where is the cell membrane located in cells that have cell walls?
- 6. Where is the cell membrane located in cells that do NOT have cell walls?
- 7. Is the following sentence true or false? The main function of the cell membrane is to control what comes into and out of a cell.

## Sail On to the Nucleus

- 8. Circle the letter of each sentence that is true about the nucleus.
  - a. Materials pass in and out of the nucleus through pores in the nuclear envelope.
  - **b.** Chromatin contains the instructions that direct the functions of a cell.
  - c. The nucleolus is part of the nuclear envelope.
  - d. Ribosomes are made in the nucleolus.

## Organelles in the Cytoplasm

- 9. Circle the letter of the part of the cell that is the region between the cell membrane and the nucleus.
  - a. organelle
  - b. nucleus
  - c. cytoplasm
  - d. chromatin

Organelles in Cytoplasm			
Organelle	Function		
Mitochondria			
Endoplasmic reticulum			
Ribosomes			
Golgi bodies			
Chloroplasts			
Vacuoles			
Lysosomes			

## Specialized Cells

- 11. In a many-celled organism, cells are specialized to perform different
- 12. Circle the letter of each sentence that is true about specialized cells.
  - a. In many-celled orgainsms, cells are often organized into tissues.
  - **b.** An organ system is made up of similar tissues.

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Looking Inside Cells (continued)

- **c.** A tissue is a group of cells that work together to perform a specific function.
- **d.** A group of organs that work together to perform a major function is called an organ system.