

Section 7-4 The Diversity of Cellular Life

(pages 190-193)



Key Concepts

- What is cell specialization?
- What are the four levels of organization in multicellular organisms?

Unicellular Organisms (page 190)

1. A single-celled organism is also called a(an) _____ organism.

Multicellular Organisms (pages 190-192)

2. What is cell specialization in a multicellular organism? _____

3. Circle the letter of each sentence that is true about cell specialization.
 - a. Specialized cells perform particular functions within the organism.
 - b. Only unicellular organisms have specialized cells.
 - c. The human body contains many different cell types.
 - d. Some cells are specialized to enable movement.

Levels of Organization (pages 192-193)

4. What are four levels of organization in a multicellular organism?
 - a. _____
 - b. _____
 - c. _____
 - d. _____
5. What is a tissue? _____

6. What are the four main types of tissue in most animals?
 - a. _____
 - b. _____
 - c. _____
 - d. _____
7. Groups of tissues that work together to perform a specific function are called a(an) _____.
8. What kinds of tissues can be found within a muscle in your body? _____

9. What is an organ system? _____
