

Chapter 7 Cell Structure and Function

Section Review 7-4

Reviewing Key Concepts

Short Answer *On the lines provided, answer the following questions.*

1. Why do multicellular organisms contain specialized cells?

2. Give two examples of specialized cells and explain the cell's unique role in the human body.

Identifying Structures *On the lines provided, place the following terms in order from smallest to largest level of organization.*

- _____ 3. tissues
- _____ 4. organ systems
- _____ 5. organs
- _____ 6. individual cells

Reviewing Key Skills

7. **Comparing and Contrasting** Compare the activities of a specialized cell in a multicellular organism to those of a unicellular organism.

8. **Using Analogies** The specialized cells in a multicellular organism have unique roles to play. Create an analogy that describes a situation in which specific organisms or objects have unique roles in a system.

9. **Applying Concepts** Is your tongue a tissue, an organ, or an organ system? Explain your answer.

10. **Comparing and Contrasting** How are tissues and organs different?
