

Cell Structure and Function ▪ *Review and Reinforce*

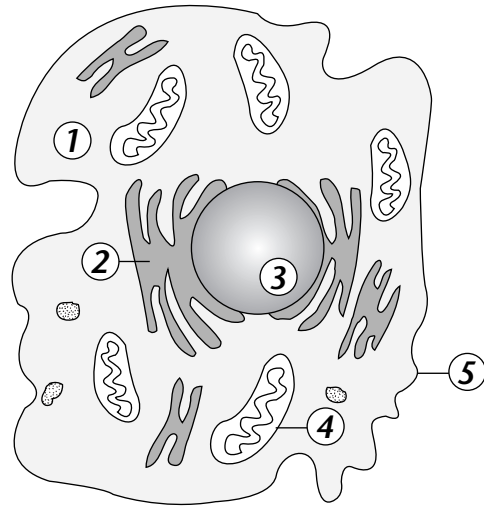
Looking Inside Cells

Understanding Main Ideas

Identify each of the cell structures in the figure.

1. _____
2. _____
3. _____
4. _____
5. _____

Simplified Animal Cell



Building Vocabulary

Fill in the blank to complete each statement.

6. _____ are tiny cell structures that carry out specific functions within the cell.
7. The rigid layer of nonliving material that surrounds the cells of plants and other organisms is called the _____.
8. In cells without cell walls, the _____ forms the outside boundary that separates the cell from its environment.
9. The _____ is a large, oval structure that directs all of the cell's activities.
10. The region between the cell membrane and the nucleus is called the _____.
11. _____ produce most of the energy the cell needs to carry out its functions.
12. A maze of passageways called the _____ carries proteins and other materials from one part of the cell to another.
13. _____ function as factories to produce proteins.
14. _____ receive proteins and other newly formed materials and distribute them to other parts of the cell.
15. Organelles called _____ capture energy from sunlight and use it to produce food for the cell.
16. The storage area of a cell is called a(n) _____.
17. _____ are small, round structures in cells that break down large food particles into smaller ones.