Looking Inside Cells

Understanding Main Ideas

Identify each of the cell structures in the figure.

1. __________
2. __________
3. __________
4. __________
5. __________

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 plant cells 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. Strands of genetic material floating in the nucleus are referred to as __________________.
11. The region between the cell membrane and the nucleus is called the __________________.
12. __________________ produce most of the energy the cell needs to carry out its functions.
13. A maze of passageways called the __________________ carries proteins and other materials from one part of the cell to another.
14. __________________ function as factories to produce proteins.
15. __________________ receive proteins and other newly formed materials and distribute them to other parts of the cell.
16. Organelles called __________________ capture energy from sunlight and use it to produce food for the cell.
17. The storage area of a cell is called a(n) __________________.
18. __________________ are small, round structures in cells that break down large food particles into smaller ones.