

Skills Worksheet

Directed Reading

Section: Inside the Eukaryotic Cell

Read each question, and write your answer in the space provided.

1. What is the cytoskeleton, and what is its function?

2. What are three types of cytoskeleton fibers, and what does each do?

3. What is the main function of the nucleus, and why is this essential for the health of the cell?

4. What is the nucleolus, where is it, and what is its function?

5. What are the two types of ribosomes, and what does each do?

6. Describe the endoplasmic reticulum, and tell what the two different kinds of endoplasmic reticulum do.

Directed Reading *continued*

7. How does the Golgi apparatus continue the function of the rough ER?

8. What are two functions of lysosomes?

9. What do contractile vacuoles in plants do?

10. What do contractile vacuoles in protists do?

11. What is ATP?

12. What are chloroplasts, how are they structured, and in what kinds of cells are they found?

13. What function do mitochondria perform? Why do some cells contain many mitochondria?
