

7.2 Cell Structure (continued...)

Use the glossary in your BIOLOGY TEXTBOOK to define the following terms.

1. Cytoplasm-
2. Organelle-
3. Vacuole-
4. Lysosome-
5. Cytoskeleton-
6. Centriole-
7. Ribosome-
8. Endoplasmic Reticulum-
9. Golgi Apparatus-
10. Chloroplast-
11. Mitochondrion-
12. Cell wall-

In your BIOLOGY TEXTBOOK

Organelles that Store, Clean Up, and Support

Vacuoles and Vesicles

13. Describe the structure of a vacuole.

14. What is the function of a vacuole?

15. In addition to storing materials what does the vacuole do for a plant cell?

16. What is the function of vesicles?

Lysosomes

17. What is located within the lysosomes?

18. What is the function of lysosomes?

The Cytoskeleton

19. How are Eukaryotic cells given their shape and organization?

20. How can the cytoskeleton be like a conveyor belt?

21. What are two protein filaments that make up the cytoskeleton?

22. What is the function of the flagella?

Organelles that Capture and Release Energy

23. How do cells get energy?

Chloroplasts

24. What can chloroplasts be compared to?

25. What is the function of chloroplasts?

Mitochondria

26. What can the mitochondria be compared to?

27. What is the function of mitochondria?