Chapter 2 Questions for lessons 1 and 2

Use pages 42-48 from the textbook to answer

1. What are the 3 parts of the cell theory?
2. What is the role of nucleic acids in the cell?
3. What are the functions of lipids?
4. Why are carbohydrates found in plant cell walls?
5. States that all living things are made up of one or more cells, the cell is the smallest unit of life, and all the new cells come from preexisting cells
6. Contains genetic information
7. Energy storage and cell communication
8. To provide structural support

Use pages 50-57 from the textbook to answer

1. What is the difference between the cell membrane and cell wall?
2. Do animals have cell walls?
3. Explain the role of the cytoskeleton
4. Compare the roles of the endoplasmic reticulum with the golgi
5. What are the features of eukaryotic cells?
6. What are the features of prokaryotic cells?
7. The cell membrane protects the inside of a cell while the cell wall protects the outside of the cell
8. A animal does not have a cell wall
9. The network of threadlike proteins that are joined together
10. ER is the site of protein production and Golgi prepares proteins for specific jobs or functions
11. Eukaryotic cells are bigger than Prokaryotic cells
12. Prokaryotic cells are unicellular