Ch 4 review cell structure and function and parts

1. What is a cell?
2. Name the three parts of the cell theory and who discovered them.
3. What did Leeuwenhoek do and name three other people and their contributions to cell studies.
4. Explain surface area to volume ratio and how the size ratio changes as cells get bigger.
5. List the three ways cells are diverse and the three ways cells are organized.
6. Draw and label the polar and nonpolar parts of the cell membrane and list three other names for it.
7. List all the parts of the animal cell and describe the function of five parts.
8. List all the parts of the plant cell and describe the function of five different parts.
9. List all the parts of the bacterial cell and describe the function of five more different parts.
10. List all the organelles that can be found in all three types of cells.