Cells Review

1. What are the three parts to the cell theory?

1. How did Robert Hooke contribute to the cell theory?

1. How did Anton Van Leeuwenhoek contribute to the cell theory?

1. How did Matthias Schleiden contribute to the cell theory?

1. How did Matthias Schleiden believe cells came into existence?

1. How did Theodore Schwann contribute to the cell theory?

1. How did Rudolf Virchow contribute to the cell theory?

1. What are the two types of cells and how are they different?

1. What four things do prokaryotic cells and eukaryotic cells have in common?

1. How are plant and animal cells different?

1. Describe what each of the following organelles do for the cell:
   1. Nucleus:
   2. Nucleolus:
   3. Cytosol/Cytoplasm:
   4. Ribosomes:
   5. Golgi Body:
   6. Lysosome:
   7. Mitochondria:
   8. Cell Membrane:
   9. Cell Wall:
   10. Chloroplast: