

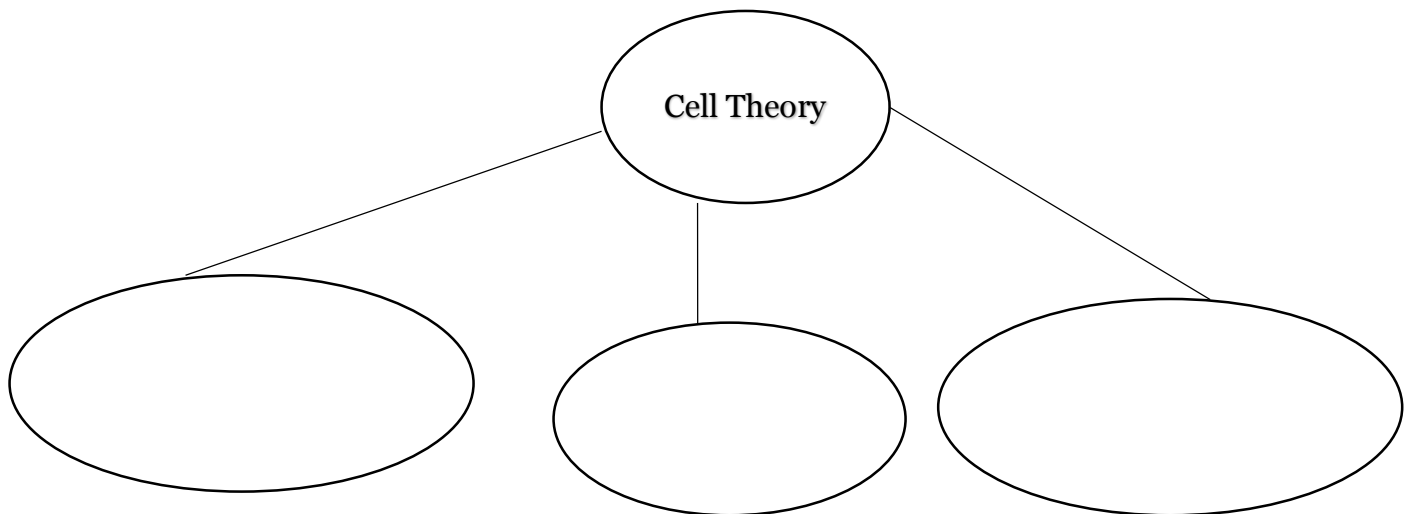
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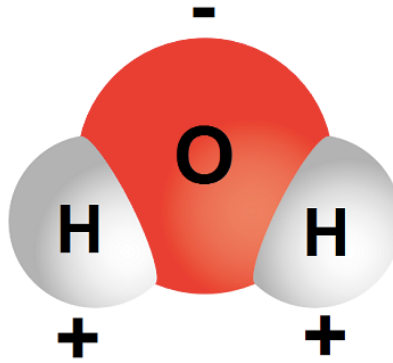
Cells and Life: 2.1 review

1. The _____ states that the cell is the basic unit of all living things.
2. **Distinguish** between a carbohydrate and a lipid.
3. **Use the term** *nucleic acid* in a sentence.
4. What macromolecule is made from amino acids?
 - a. lipid
 - b. protein
 - c. carbohydrate
 - d. nucleic acid
5. **Describe** how the invention of the microscope helped scientists understand cells.
6. **Compare** the function of DNA and proteins in a cell.

7. Fill in the graphic organizer below to summarize the main principles of the cell theory:



8. How does the structure of the water molecule shown below enable it to interact with other water molecules?



9. **Summarize** the functions of lipids in cells.

10. **Hypothesize** why carbohydrates are found in plant cell walls.