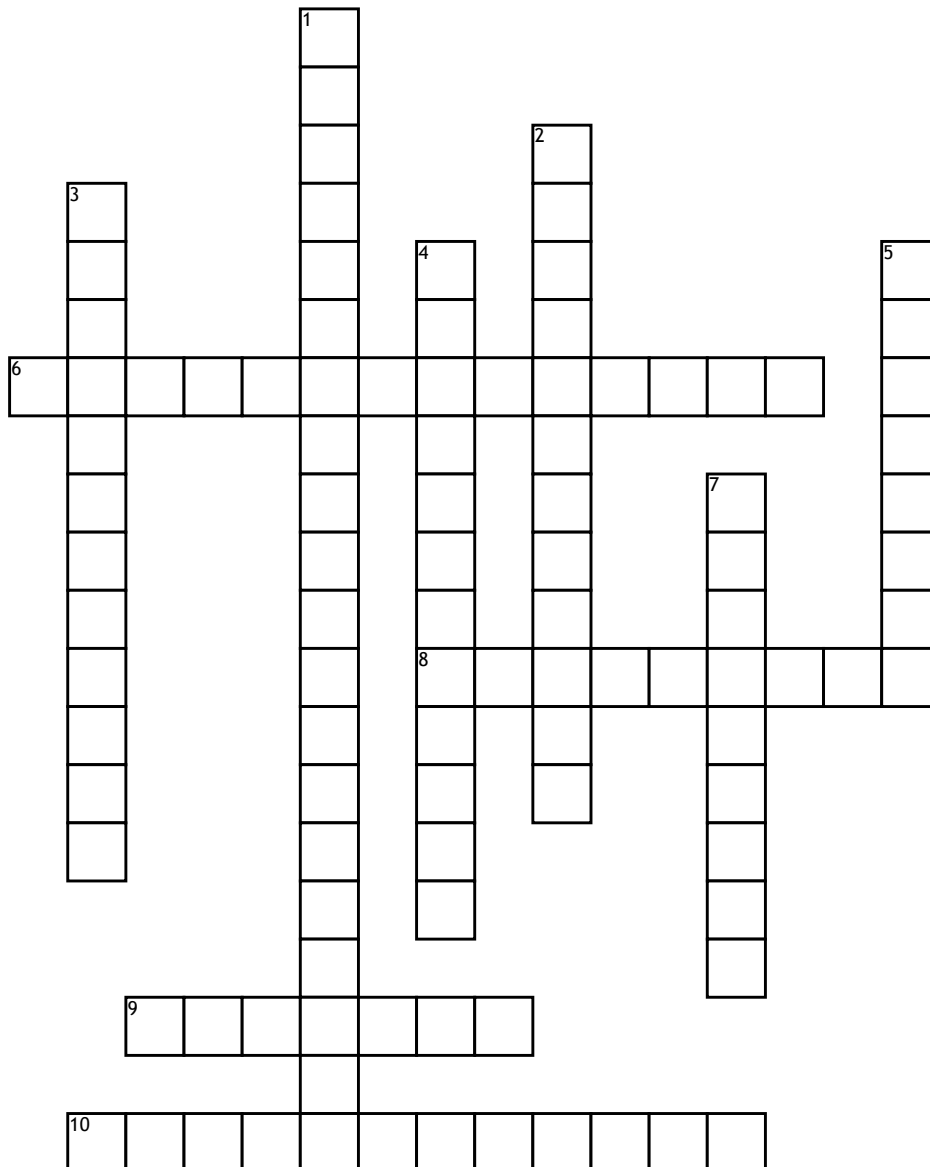


Name: _____

Date: _____

Cell Structure



Across

6. Modifies, sorts, and package proteins and other materials from the ER for storage in the cell or release outside of the cell

8. Small organelles filled with enzymes that break down lipids, sugars, and proteins into smaller molecules

9. Holds cells DNA

10. An outer layer of the cell that protects and regulates what goes in and out of the cell

Down

1. Internal membrane system (rough and smooth)

2. Capture the energy from sunlight and convert it into food that contains chemical energy in a process called photosynthesis

3. Powerhouse plants of the cell; convert the chemical energy stored in food into compounds that are more convenient for the cell to use

4. A layer within the cell membrane made up of lipids

5. Large membrane sacs that store materials like water, salts, proteins and sugars

7. Small particles of RNA and protein found throughout the cytoplasm in all cells