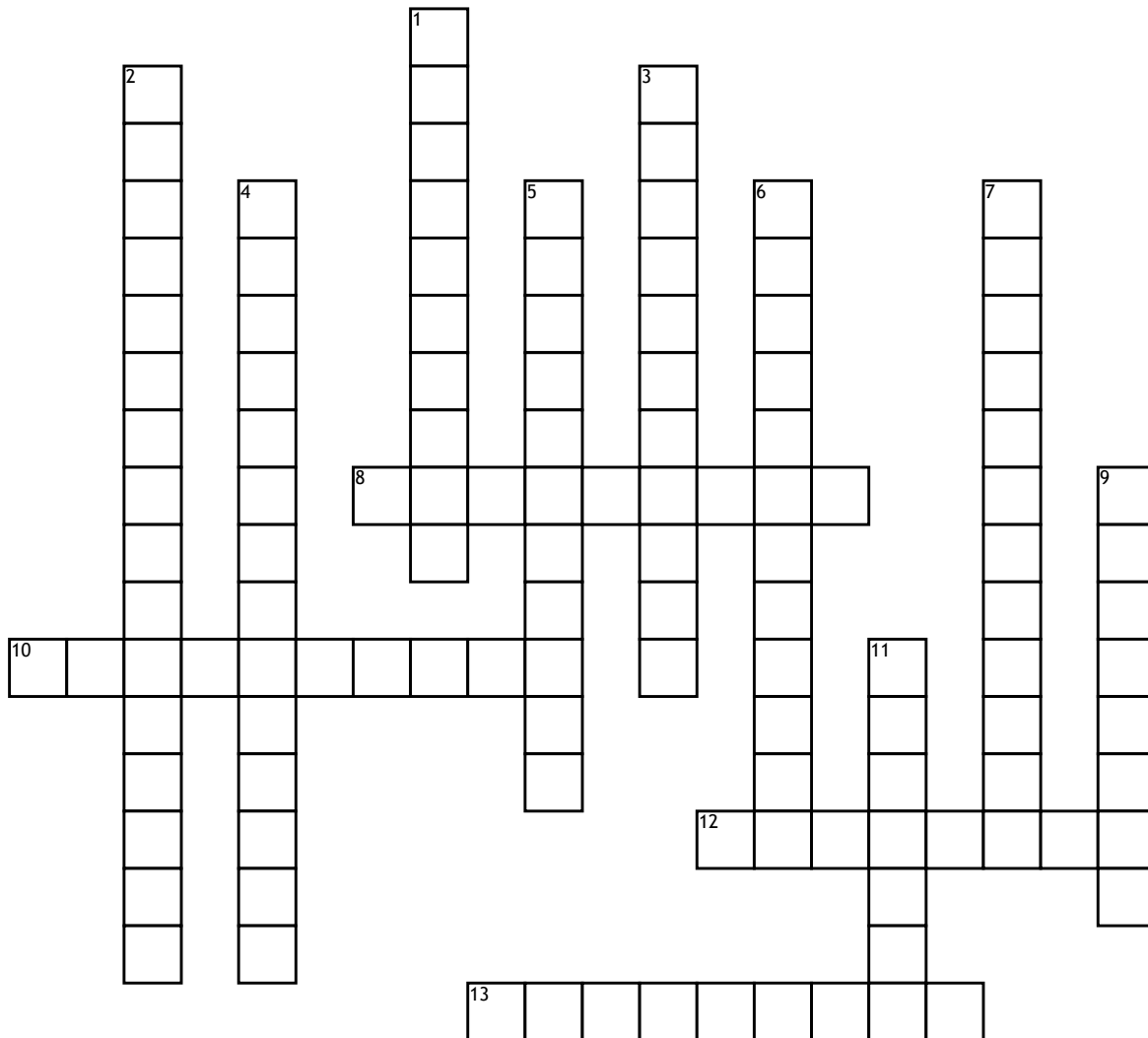


Cell Structure



Across

- 8.** The site of protein synthesis
10. Small, closed-circles of extra DNA found in the cytoplasm of bacterial cells
12. Provide structure and protection for plant and bacterial cells
13. Jelly-like material that fills the cell containing dissolved nutrients, salts and organelles

Down

- 1.** Cells that have membrane bound organelles and DNA contained in a nucleus
2. Filled with cell sap to help keep the cell swollen
3. Cells that have no membrane bound organelles and their DNA is suspended in the cytoplasm and not enclosed in a nucleus
4. The DNA of bacterial cells is found loose in the cytoplasm and is not contained within a nucleus
5. Organelle that contains green pigment called chlorophyll which absorbs light energy for photosynthesis
6. Controls the movement of substances in and out of the cell
7. Organelle that contains enzymes for respiration, and where most energy is released in respiration
9. Rotate or move in a whip-like motion to move a bacterial cell
11. Contains genetic material, including DNA, which controls the cell's activities