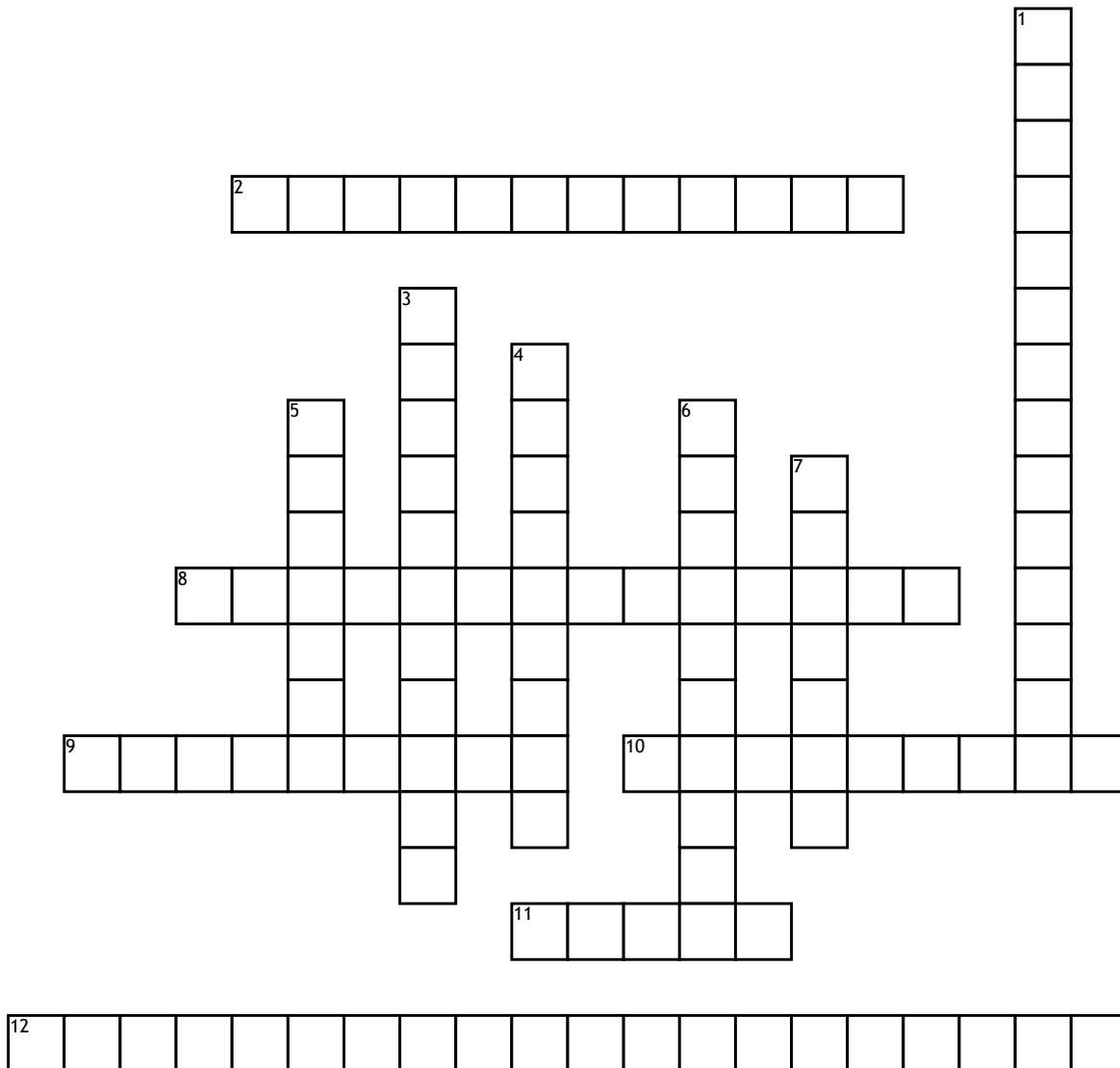


Name: _____

Date: _____

Parts of the Cell



Across

2. is responsible for cell shape, motility (movement) of the cell as a whole, and motility of organelles within a cell
8. acts to process and package the macromolecules such as proteins and lipids that are synthesized by the cell
9. organelles found in animal cells which use enzymes to break down biomolecules
10. protein builders or the protein synthesizers of the cell

11. Produce movement

12. type of organelle in the cells of eukaryotic organisms that forms an interconnected network of tubules, vesicles and sacs that work closely with the Golgi apparatus

Down

1. What separates the interior of all cells from the outside environment?
3. what assists in the breakdown of fatty acid molecules

4. What is the gel-like

substance that supports the cell's organelles, transports genetic material within the cell, and also serves as a buffer protecting the cell's organelles and genetic material from damage?

5. Contains the majority of the cell's genetic material
6. play an important role in the absorption and secretion functions of cells
7. Gives the cell its shape