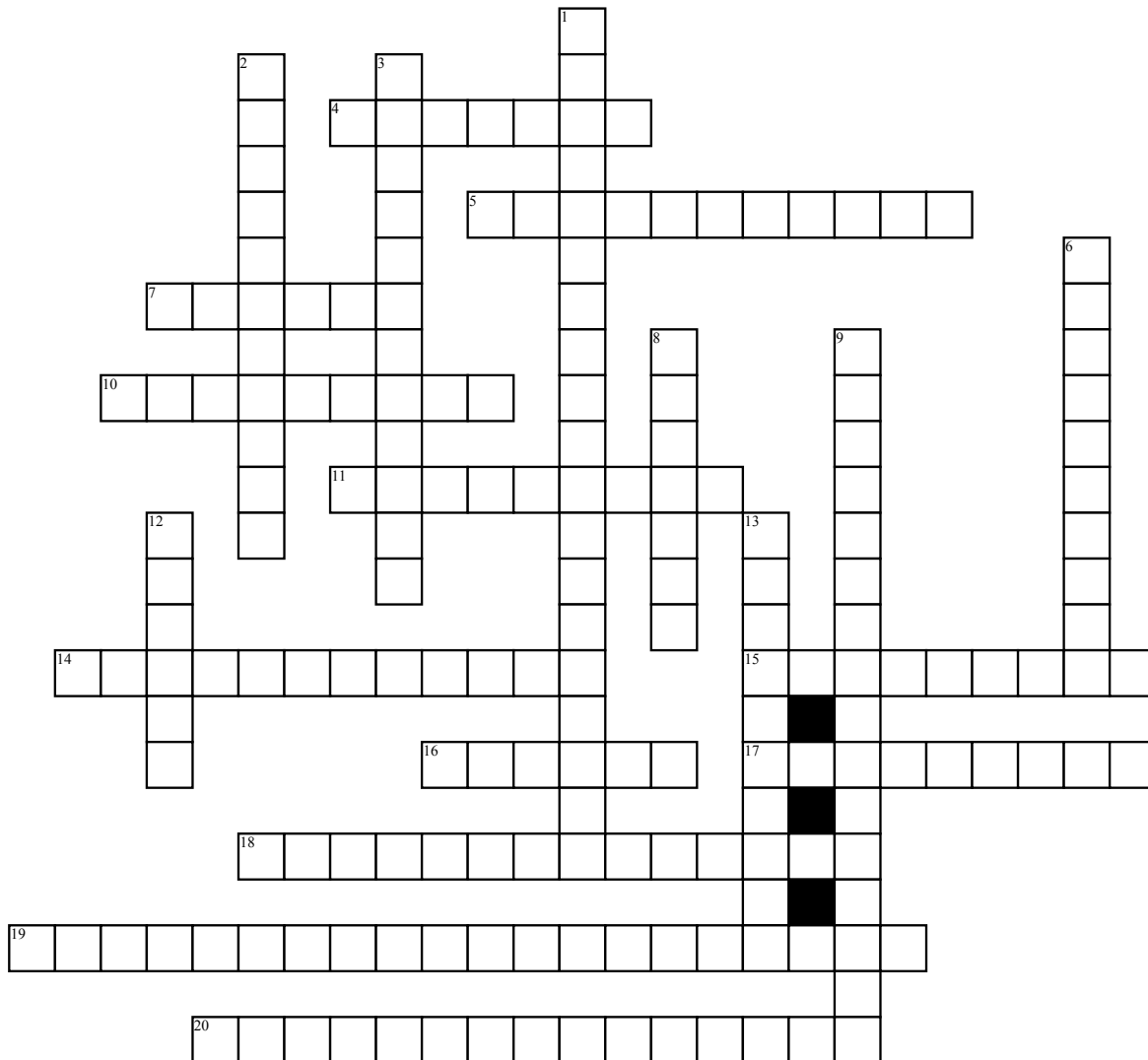


Name: _____

Cell Vocabulary



Across

4. During endocytosis, part of the cell membrane wraps around a particle, forming a _____ inside the cell.
5. When the concentration of a substance is the same on both sides of the membrane, what is the substance in?
7. What does the second step of cellular respiration require?
10. Fermentation occurs in a cell's _____.
11. What is the movement of substances from an area of higher concentration to an area of lower concentration?
14. cellular respiration occurs in the cytoplasm and the _____.
15. Glycolysis occurs in the _____ of all cells.

16. Substances moving by _____ transport move from areas of lower concentration to areas of higher concentration.
17. A cell membrane has _____ proteins.
18. What is a series of chemical reactions that convert light energy, water, and carbon dioxide into the food-energy molecule glucose and give off oxygen?
19. When molecules pass through a cell membrane using special proteins called transport proteins, what is this called?
20. What is the movement of substances through a cell membrane only by using the cell's energy?

Down

1. What is a series of chemical that convert the energy in food molecules into a usable form of energy called ATP?

2. What is the process during which a cell takes in a substance by surrounding it with the cell membrane?
3. What is a reaction that eukaryotic and prokaryotic cells can use to obtain energy from food when oxygen levels are low?
6. What is a process by which glucose is broken down into smaller molecules?
8. What is the diffusion of water molecules only through a membrane?
9. What is the movement of substances through a cell membrane without using the cell's energy?
12. The volume of a cell increases _____ than its surface area.
13. What is the process during which a cell's vesicles release their contents outside of the cell?