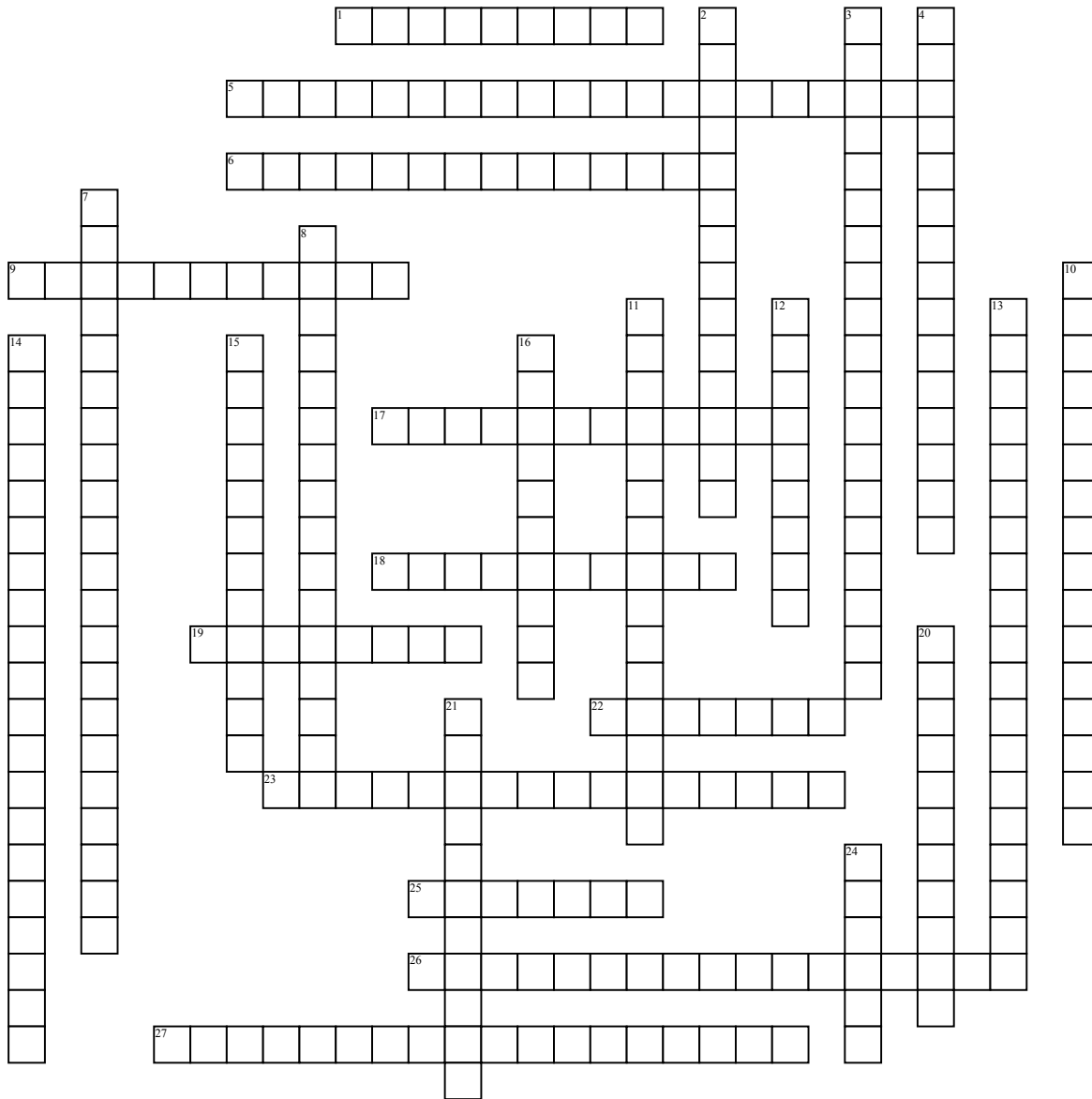


Chapter 5 Vocabulary



Across

1. the random thermal motion of particles
5. the passage of molecules or ions
6. transports specific substance through intracellular compartments
9. the cell ingests extracellular fluid and its dissolved solutes
17. a protein with one or more covalently attached carbohydrates
18. a lipid with one or more covalently attached carbohydrates
19. a liquid is a mixture of two or more substances
22. the diffusion of free water molecules
23. act as catalysts in specific biochemical reactions
25. the dissolving agent of a solution

26. surrounding a cell will cause the cell to take water
27. surrounding a cell will cause the cell to lose water

Down

2. allows the transport of specific substances across a cell membrane
3. function as biological membrane for phospholipids
4. the movement of a substance across a cell membrane
7. chemical substance increases or decreases
8. surrounding a cell causes no movement of water in or out of the cell
10. the currently accepted model of cell membrane structure

11. applied to a pure solvent to prevent it from passing into a given solution by osmosis
12. a rounded projection, as on the margin of a shell
13. expression or activity of certain genes in its DNA
14. a property of biological membrane
15. a type of endocytosis
16. the cellular secretion of biological molecules
20. cellular uptake of biological molecules
21. a phenomenon in walled cells
24. a substance that is dissolved in a solution