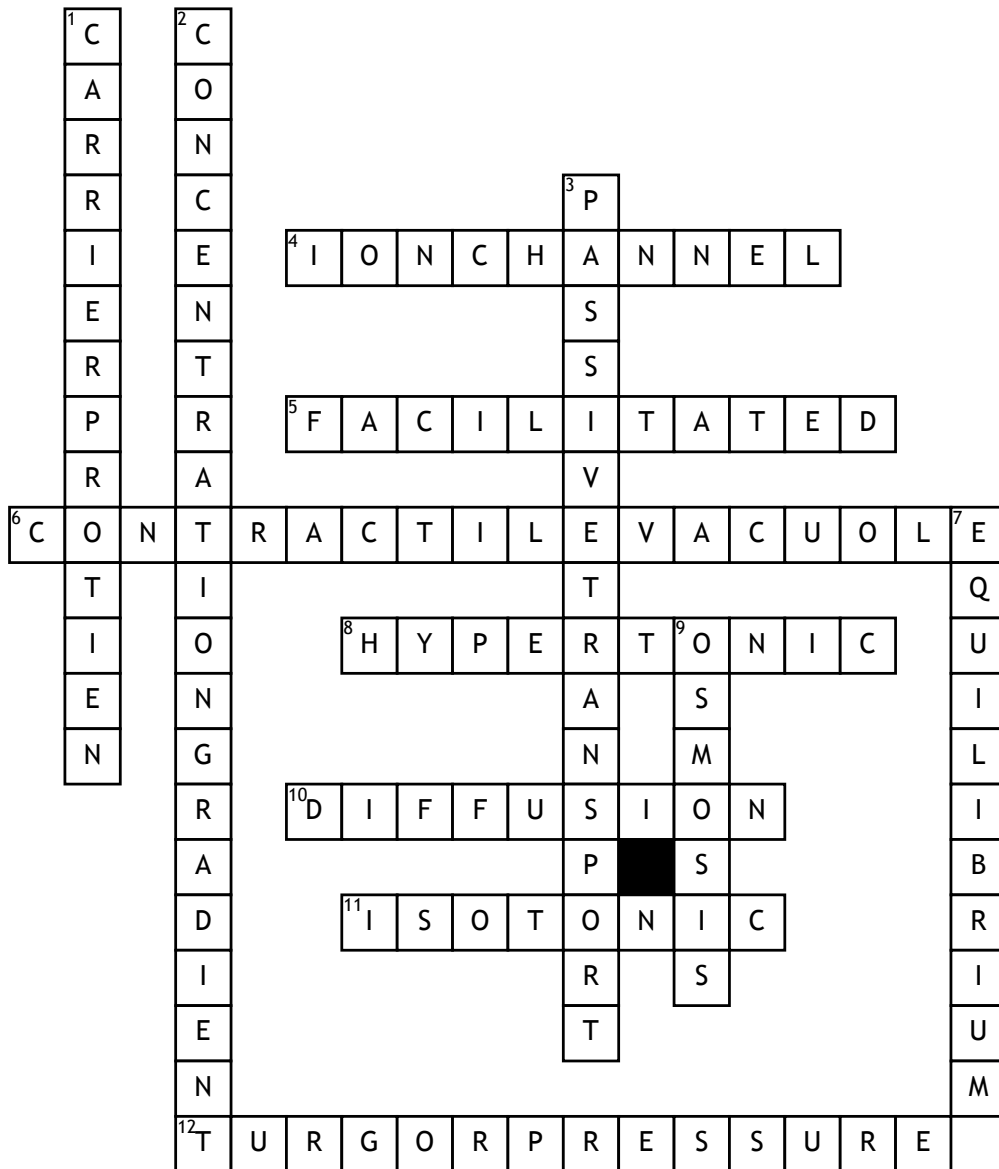


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 5 Vocabulary



## Across

4. pore-forming membrane proteins that allow ions to pass through the channel pore

5. process of spontaneous passive transport of molecules or ions across a biological membrane via specific transmembrane integral proteins

6. a vacuole in some protozoans that expels excess liquid on contraction.

8. environment (around cell) with higher concentration of solute than that inside the cell. Solvent is lower outside the cell than inside.

10. the passive movement of particles from an area of high concentration to low concentration. Particles pass right through the cell membrane.

11. environment with conditions exactly matching that of inside the cell.

12. the force within the cell that pushes the plasma membrane against the cell wall

## Down

1. a protein that transports specific substance through intracellular compartments, into the extracellular fluid, or across the cell membrane

2. difference in concentration of solutes on two sides of a membrane. Molecules ALWAYS move from HIGH concentration to LOW concentration

3. the movement of materials across a cell membrane that uses NO energy.

7. the concentration of molecules is equal or evenly dispersed throughout a space.

9. the diffusion of water across a semi-permeable cell membrane