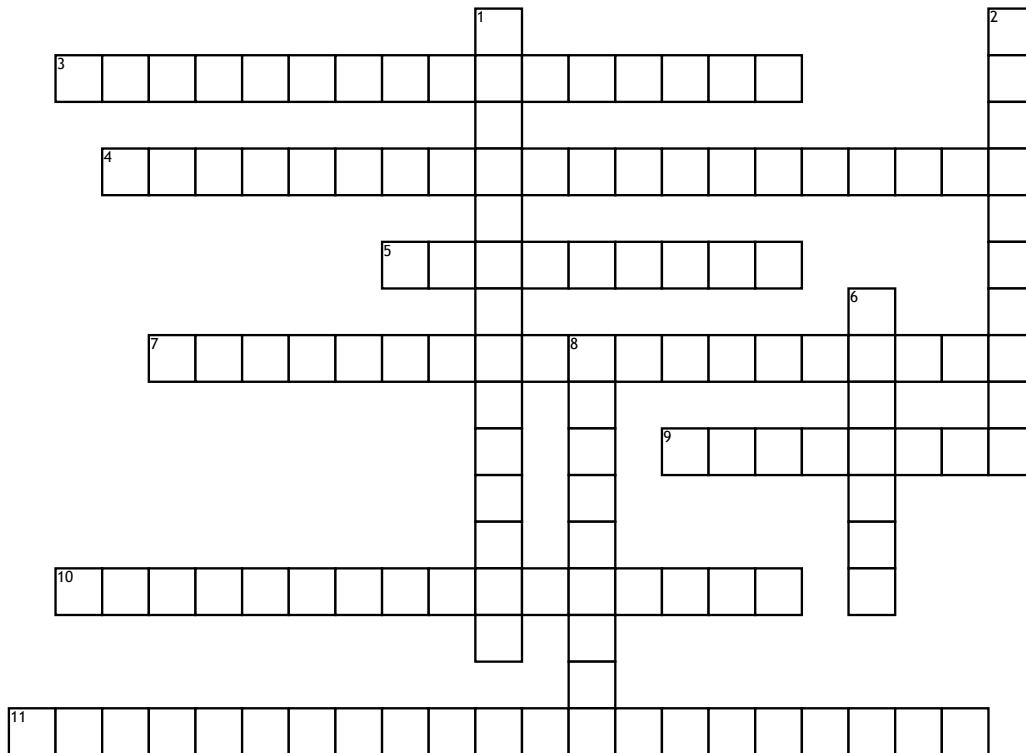


Name: _____

Date: _____

Cell Membrane



Across

3. a movement across of ions and other molecular substances across the cel membrane without ATP
4. Allows only certain materials to enter (or cross if it's a cell membrane). Synonym for semipermeable.
5. An area that has a lower solute concentration than another location
7. Movement across a membrane that requires the help of integral proteins; does not require energy because it follows the concentration gradient (high to low).
9. An area that has an equal solute concentration compared to another location.
10. Energy free transport across a membrane; includes diffusion and facilitated diffusion.

11. The movement of molecules following the "normal flow"; movement of molecules from high concentration to low concentration.

Down

1. The tendency of water to move locations; water moves from areas of high concentration to areas of low concentration.
2. An area that has a higher solute concentration than another location.
6. The diffusion of water across a membrane.
8. the movement of particles from areas of high concentration (crowded) to areas of low concentration (not crowded).

Word Bank

Diffusion

Passive Transport

Hypotonic

Faciliated Diffusion

Isotonic

Passive transport

Osmosis

Water Potential

Selectively Permeable

Concentration Gradient

Hypertonic