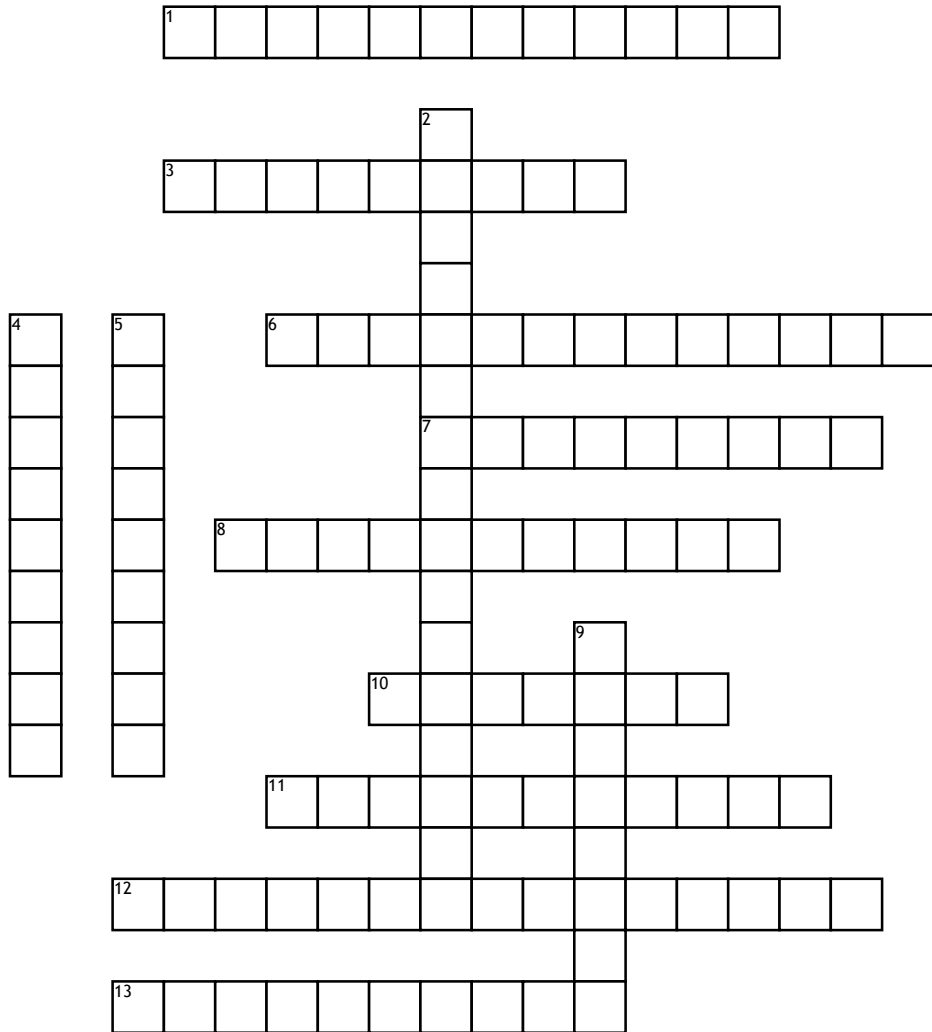


# Cell Transport Puzzle



**Across**

- 1. Cell eating engulfing food or solid particles
- 3. Word meaning materials can pass through
- 6. Word meaning some materials can pass through
- 7. Cell membrane wraps around something, taking the item into the cell and forming a vacuole around it

**8. Word meaning materials can not pass through**

- 10. Moving water from an area of high concentration of water to an area of low concentration of water
- 11. Cell drinking engulfing liquids like water
- 12. Movement across a membrane that requires energy
- 13. A large concentration of solute

**Down**

- 2. Moving materials through a membrane without using energy
- 4. Moving anything from high concentration to low concentration
- 5. A low concentration of solute
- 9. Arrangement where neighboring solutions have the same concentration of solute and are in a state of equilibrium

**Word Bank**

- |                  |            |                   |             |
|------------------|------------|-------------------|-------------|
| Active Transport | Diffusion  | Impermeable       | Hypotonic   |
| Osmosis          | Engulfing  | Passive Transport | Isotonic    |
| Phagocytosis     | Hypertonic | Semipermeable     | Pinocytosis |
| Permeable        |            |                   |             |