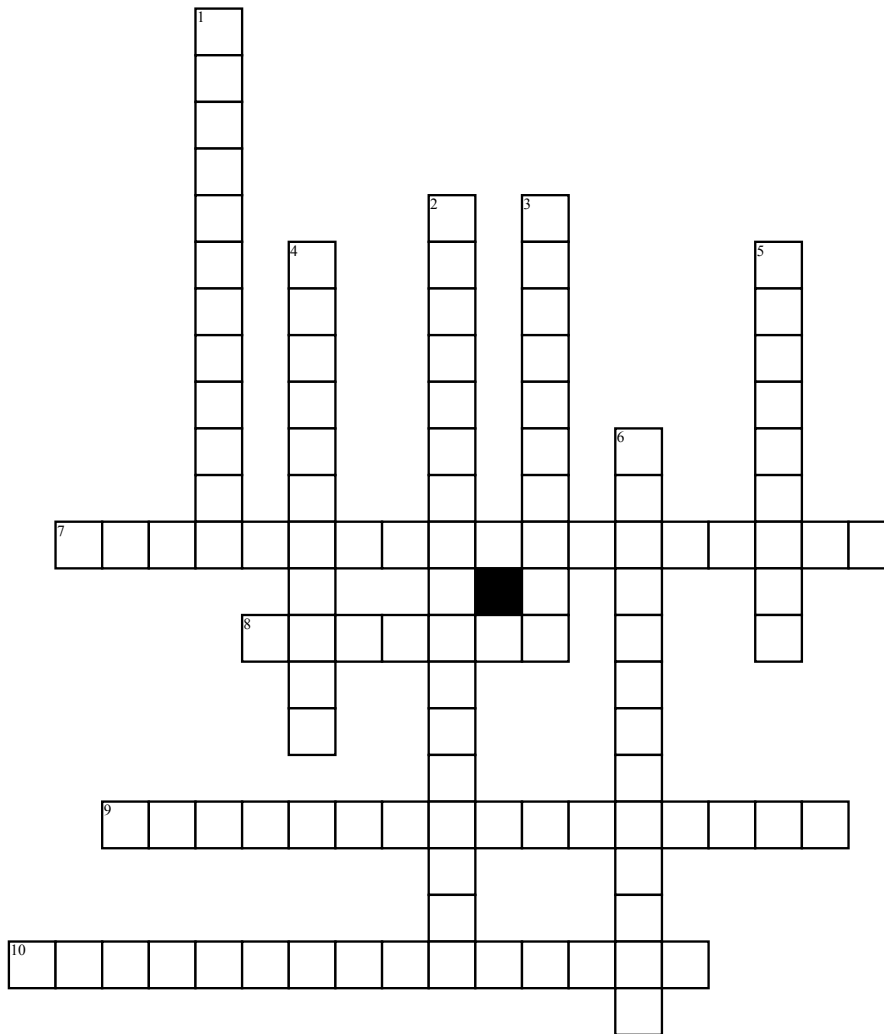


# Cell Transport



**Across**

- 7. a solution with a higher concentration of non-penetrating solute than the cell. cells tend to shrink or crenate
- 8. The movement of water from a high concentration to a low concentration, across a semi-permeable membrane without the input of energy.
- 9. The use of proteins in a cell membrane to move molecule from a low concentration on one side to a high concentration on the other
- 10. Requires the input of energy to move molecules from a low concentration to a high concentration

**Down**

- 1. is a flexible barrier that separates the extracellular and intracellular fluid compartments.
- 2. a solution that is more dilute than the interior cells . the resulting shape of the cell is bloated and they eventually burst.
- 3. The movement of relatively large quantities of material out of a cell at one time
- 4. The movement of relatively large quantities of material into a cell at one time
- 5. The movement of molecules from a high concentration to a low concentration, without the input of energy
- 6. The movement of relatively large quantities of material into or out of a cell at one time (does not use energy)

**Word Bank**

- |                     |                   |                |                  |
|---------------------|-------------------|----------------|------------------|
| Hypotonic Solution  | Carrier Transport | Exocytosis     | Diffusion        |
| Cell Membrane       | Osmosis           | Bulk Transport | Active Transport |
| Hypertonic Solution | Endocytosis       |                |                  |