

Diffusion = Net movement of molecules from a region of high concentration to a region of low concentration down a concentration gradient

Osmosis = Net movement of **water particles (Less concentrated)** from a region of **high-water potential** to a region of **low water potential (More concentrated)** through a **semi permeable membrane**

Hypotonic = When a solution/cell has a higher water potential than another solution (less dilute) **such as distilled water**

Hypertonic = When a solution/cell has a lower water potential than another solution (more dilute) **such as salt water**

Isotonic = When a solution/cell has the same water potential as another solution

Plasmolyzed: Plasmolysis is the process in which cells lose water in a hypertonic solution

Explanation with cells below (page 4)

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