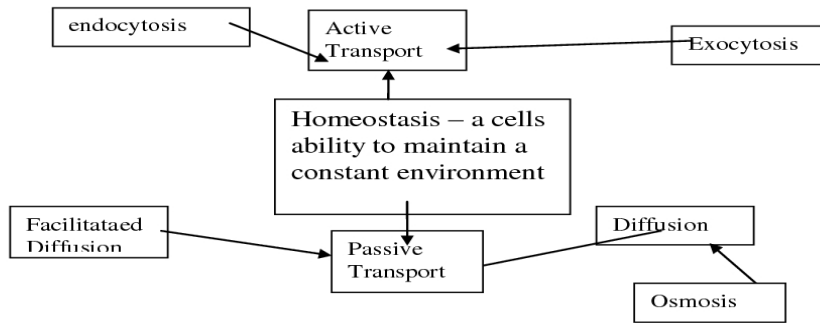


# Cells

**EQ: How does a cell maintain homeostasis?**

Create a graphic organizer that answers the above question, using the following words.

Homeostasis      Passive Transport      Active Transport      Facilitated Diffusion  
 Diffusion      Osmosis      endocytosis      exocytosis

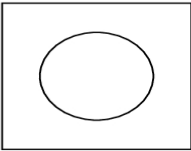
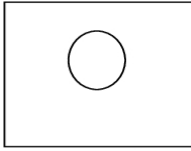
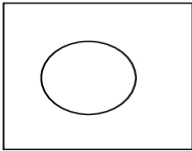


Diffusion causes materials to move from an area of **high** concentration to an area of **low** concentration.

Osmosis is the diffusion of **water**.

The **cell membrane** is the organelle that controls the movement of material in and out of the cell.

**The effects of Hypertonic, Hypotonic and Isotonic Solutions.**

Hypotonic	Hypertonic	Isotonic
		
The water moved <b>into</b> The cell <b>swelled</b> .	The water moved <b>out of</b> The cell <b>shrank</b> .	<b>Equal</b> amounts of of water moved. The cell <b>Stays the same</b> .