Passive transport across the cell membrane

1. Uses NO energy (ATP)
2. Moves from high concentration to low concentration \_\_\_\_\_\_\_ 🡪 \_\_\_\_\_\_\_\_
3. Moves down the concentration gradient
4. Includes diffusion, osmosis, and facilitated diffusion

What is concentration: the amount of materials in an area

How many oxygen in and out of the cell The Concentration Gradient

 DOWN UP

Inside the cell

O O O

 O O O

 Out of cell

 O O O O

 O O O O

 O O O

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Vocabulary:

1. Diffusion: passive transport from HIGH to LOW. Oxygen and Carbon dioxide are diffused.
2. Osmosis: passive transport of WATER from high to low.
3. Facilitated diffusion: passive transport from high to low with help from a transport protein. Glucose enters the cell by facilitated diffusion.

Out of cell

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In the cell