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Cell Transport Crossword

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| **Across****5.** The difference in concentration of a substance from one location to another.**6.** The substance that does the dissolving.**8.** The solute concentration of the inside of the cell in greater than the solute concentration on the outside of the cell.**9.** The movement of molecules across a semi-permeable membrane without the use of energy.**10.** Form of passive transport; Movement of molecules across the membrane through a protein.**12.** The movement of water molecules across a cell membrane.**13.** This is a type of pump. Moves three Na+ (Sodium ions) out of the cell for every two K+ (Potassium ions) it moves into the cell**15.** Molecules flow from an area of LOW CONCENTRATION TO HIGH CONCENTRATION. | **Down****1.** The two functions of this cell structure are to act as a boundary between the external and internal environments of a cell and to control passage of materials.**2.** This describes the cell membrane; it means some molecules can pass through the membrane while others cannot**3.** A process of taking in substances by engulﬁng them in a membrane.**4.** Literally means "same state". Variables are regulated so that internal conditions remain relatively constant/stable.**7.** The solute concentration on the outside of the cell in greater than the solute concentration on the inside of the cell . The cell will shrink.**11.** The solute concentration on the inside the cell is equal to the solute concentration on the outside of the cell.**14.** The substance that is broken down in a solution. |