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Cell Membrane

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| **Across****3.** a movement across of ions and other molecular substances across the cel membrane without ATP**4.** Allows only certain materials to enter (or cross if it's a cell membrane). Synonym for semipermeable.**5.** An area that has a lower solute concentration than another location**7.** Movement across a membrane that requires the help of integral proteins; does not require energy because it follows the concentration gradient (high to low).**9.** An area that has an equal solute concentration compared to another location.**10.** Energy free transport across a membrane; includes diffusion and facilitated diffusion.**11.** The movement of molecules following the "normal flow"; movement of molecules from high concentration to low concentration. | **Down****1.** The tendency of water to move locations; water moves from areas of high concentration to areas of low concentration.**2.** An area that has a higher solute concentration than another location.**6.** The diffusion of water across a membrane.**8.** the movement of particles from areas of high concentration (crowded) to areas of low concentration (not crowded). |

   Passive transport       Diffusion       Osmosis       Hypertonic       Hypotonic       Isotonic       Selectively Permeable       Water Potential       Passive Transport       Faciliated Diffusion       Concentration Gradient