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Homeostasis Vocabulary Crossword Review

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| **Across**  **3.** describes a solution whose solute concentration is lower outside the cell than the solute concentration inside a cell  **7.** The movement of materials through a cell membrane without using energy  **8.** the process by which a substance is released from the cell through a vesicle that transports the substance to the cell surface and then fuses with the membrane to let the substance out  **9.** Describes a solution whose solute concentration is equal inside and outside a cell  **10.** diffusion if water across a semi-permeable membrane, high concentration to low concentration  **11.** the process by which molecules move from an area of higher concentration to an area of lower concentration  **12.** the difference in the concentration of molecules across a distance | **Down**  **1.** The transport of substances through a cell membrane along a concentration gradient with the aid of carrier proteins; passive transport; no energy is used  **2.** energy requiring process that moves material across a cell membrane against a concentration difference  **4.** a state that exists when the concentration of a substance is the same throughout a space  **5.** Describes a solution whose solute concentration is higher outside the cell than the solute concentration inside a cell  **6.** process by which a cell takes material into the cell by infolding of the cell membrane |