

Skills Worksheet

Vocabulary Review

In the space provided, write the letter of the description that best matches each term.

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| _____ 1. concentration gradient | a. the movement of a substance from a region where its concentration is higher to a region where its concentration is lower |
| _____ 2. equilibrium | b. transports specific substances across a cell membrane |
| _____ 3. diffusion | c. binds to a signal molecule, enabling the cell to respond to the signal molecule |
| _____ 4. osmosis | d. made of a phosphate group and two fatty acids |
| _____ 5. phospholipid | e. acts as a signal molecule in a cell's cytoplasm |
| _____ 6. carrier protein | f. the state in which the distribution of a substance is even throughout a region |
| _____ 7. receptor protein | g. the difference in the concentration of a substance across a distance |
| _____ 8. lipid bilayer | h. type of carrier protein that uses active transport to take sodium ions out of the cell and bring potassium ions into the cell |
| _____ 9. signal | i. a double layer of phospholipids that is the foundation of a biological membrane |
| _____ 10. sodium-potassium pump | j. the movement of water through a selectively permeable membrane from a more dilute solution to a more concentrated solution |
| _____ 11. second messenger | k. anything that carries information between cells, serving to direct or warn |