

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Directed Reading

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

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| 6. facilitated diffusion with carrier proteins | b. small, nonpolar molecules passing directly through the cell membrane  |
| 5. facilitated diffusion with channel proteins | a. a substance binds to a protein, which changes shape; both move together across the cell membrane, where the substance is released |
| 4. simple diffusion                            | c. an ion, sugar, or amino acid moving through a specific pore, based on the size and charge of the moving substance                 |

Read each question, and write your answer in the space provided.

1. What is equilibrium?

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2. What is diffusion? Why is diffusion an example of passive transport?

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3. What is the purpose of cell transport? What is the difference between active transport and passive transport?

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