

UNIT
7

REVIEW

Cell Transport Review

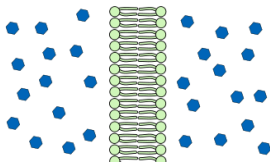
Use your book and notes to answer the following questions!

Part one. Diagrams

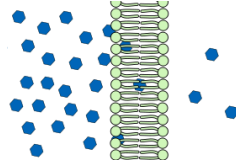
1. In each of the following diagrams:

- Draw an arrow indicating where the particles will move.
- Put the diagrams in order (1 fastest - 3 slowest) by rate of diffusion

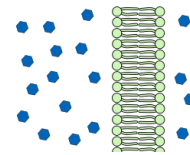
a. _____



b. _____



c. _____

**Part two. Short response**

2. Explain how osmosis is different from diffusion. _____

3. Compare and contrast active and passive transport. _____

4. Identify two methods of active transport. _____

5. State one reason that cells are small. _____

Part three. Vocabulary

If the statement is true, write true. If the statement is false, changed the underlined word or words to make the statement true.

_____ 6. Selectively permeable means letting some but not all substances pass through.

_____ 7. Osmosis is the process by which molecules tend to move from an area of high concentration to an area of low concentration.

_____ 8. The process by which water moves across a selectively permeable membrane is called diffusion.

_____ 9. A transport protein is an opening in the cell membrane that allows substances to enter without using the cell's energy.

_____ 10. Endocytosis is the process of the cell using energy to obtain materials from outside the cell that are too large to pass through the membrane.