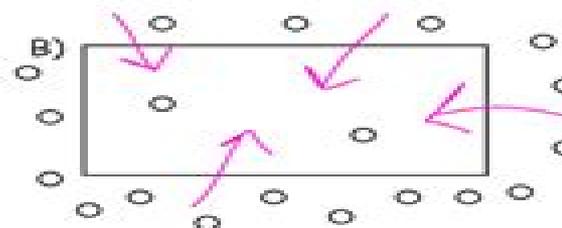
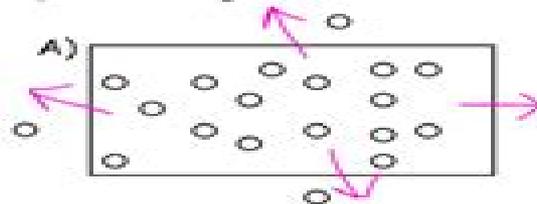


**Diffusion and Osmosis Worksheet**

How are the molecules moving in the examples below (1-9)? Write **OSMOSIS** or **DIFFUSION**.

1. The student sitting next to you just came from gym class and forgot to shower and you can tell. Diffusion
2. After sitting in the bathtub for hours, your fingers start to look like prunes. Osmosis
3. The girl sitting two rows ahead of you put on too much perfume this morning. Diffusion
4. One way to get rid of slugs in your garden is to sprinkle salt on them, so they shrivel up. Osmosis
5. Yum! Something smells good. The neighbors are cooking on the grill! Diffusion
6. Gargling with salt water when you have a sore throat causes your swollen throat cells to shrink and feel better. Osmosis
7. Oxygen molecules move from the air sacs in the lungs across the cell membranes into the blood. Diffusion
8. Robert sprays water on the veggies in the produce section to "plump them up". Osmosis
9. You put raisins in a glass of water and they plump up. Osmosis

10. Use arrows to indicate the direction of diffusion in each case: ○ is a molecule that can pass through the cell membrane. □ is a cell membrane.



11. For each of the situations below use an arrow to indicate the net movement **of sugar** into or out of the cell. (Assume that the sugar molecules can pass through the cell membrane in each case.)



# Diffusion And Osmosis Lab Questions Answers

**James W. Perry,David Morton,Cecie  
Starr,Joy B. Perry**

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**Annot Inst Edit Lab Man Biol 3e /Campbell** Benjamin-Cummings Publishing Company, Judith Giles Morgan, 1994-02

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Explorations in Basic Biology Stanley E. Gunstream, John Stanley Babel, 1972

**Laboratory Manual for Anatomy and Physiology** Connie Allen, Valerie Harper, 2002-08-20 The A P Laboratory Manual by Allen and Harper presents material covered in the 2 semester undergraduate anatomy physiology laboratory course in a clear and concise way while maintaining a student friendly tone The manual is very interactive and contains activities and experiments that enhance students ability to both visualize anatomical structures and understand physiological topics Lab exercises are designed to require students to first apply information they learned and then to critically evaluate it All lab exercises will be intended to promote group learning and to offer learning experiences for all types of learners visual kinesthetic and auditory The lab exercises are also written so as to be easily adapted for used in distance learning courses

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web pool name month year size of pool gallons flow rate required gpm type of disinfectant minimum of 1 5 ppm if inorganic chlorine 2 0 ppm if stabilized or organic and 2 5 ppm if bromine daily tests weekly tests chemicals added date water clarity disinfectant ppm doh 333 132 november 2012

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web respond to pool chemical spills immediately store pool chemicals safely always read product label and manufacturer s directions before each use always use chemicals in manufacturer s original labeled container always use appropriate protective gear such as safety glasses and gloves never pre dissolve solid chemicals or add water

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