

Name: _____

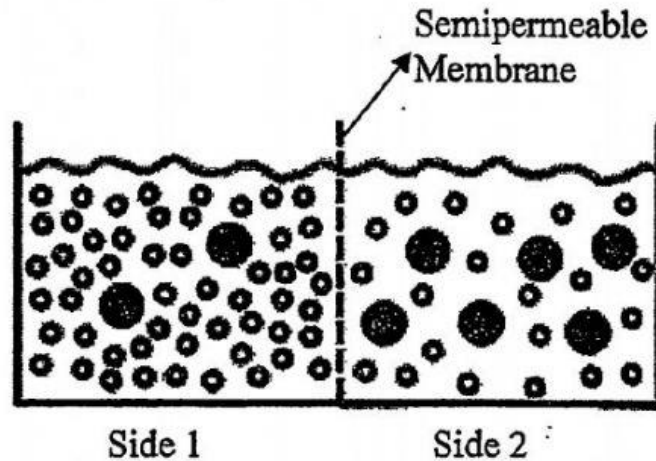
Unit 1 Bend 1: Trees

Lesson 4 Lesson Starter

Directions: Use the diagram below to answer the questions.

Let ● = Salt

Let • = Water



1. Which Direction will the water travel?
 - a. From an area of _____ water concentration to an area of _____ water concentration. (high or low)
 - b. From Side _____ to Side _____. (1 or 2)
2. What would happen if side 1 and 2 contained solutions that were ISOTONIC to each other, or contained equal amounts of water and solutes?

Hypotonic Solution - a solution that has less solute (salt) compared to another solution and therefore has more solvent (water) compared to the other solution.

Hypertonic Solution - a solution that has more solute (salt) compared to another solution and therefore has less solvent (water) compared to the other solution.

3. Using the definitions above:
 - a. Which side is hypertonic? _____
 - b. Which side is hypotonic? _____