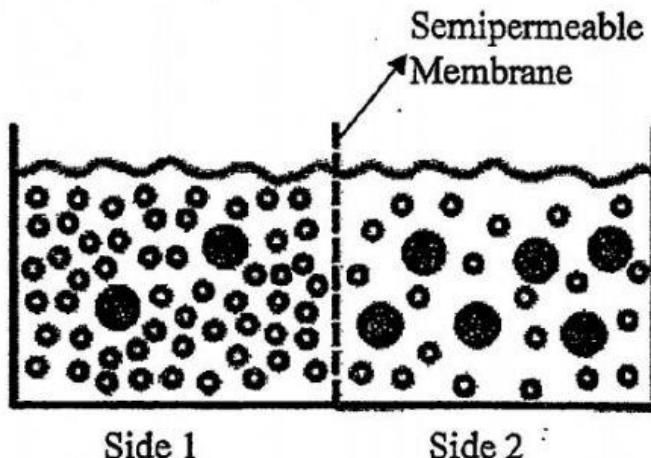


## Lesson 4 Lesson Starter

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?

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**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? \_\_\_\_\_