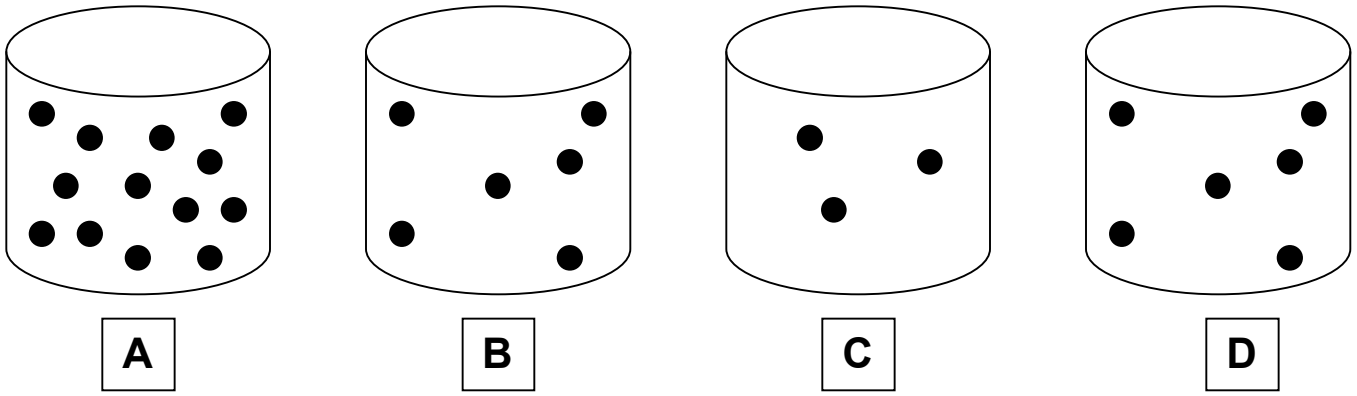
Name: **Date:** **Period:**

Biology: *Osmosis and Diffusion*



The above four containers represent solutions with different concentrations of solutes. Answer the following questions using what you know about osmosis and diffusion.

1. Which container has the greatest concentration of solutes?

2. Which container has the least concentration of solutes?

3. The movement of solutes from an area of greater concentration to lesser concentration is called:

4. If you connected container A to container C, which direction would the solutes move?

5. If you connected container B to container D, which direction would the solute move?

6. Which two solutions are ISOTONIC to each other?

7. Which solution(s) is D hypotonic to?

8. Which solution(s) is D hypertonic to?

9. Which solution is hypertonic to all other solutions?

10. Which solution is hypotonic to all other solutions?

11. If you connected container A to container D, which direction would water move?

12. If you connected container B to container D, which direction would water move?

13. The movement of water from an area of few solutes to an area of greater solute concentration is called: