

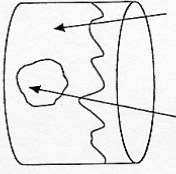
Osmosis Worksheet

Name _____
Date _____ Period _____

For each of the following, do these things:

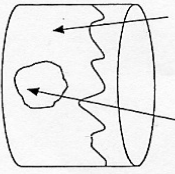
- Determine the solute and solvent for the solution outside the cell (environment) and for the inside of the cell. Then...
 - A. Tell whether the solution outside the cell is hypotonic, hypertonic, or isotonic.
 - B. Tell what will happen to the cell (shrink or swell).
 - C. Give the direction of the net movement of water (into cell, out of cell, or into & out of cell at equal rates).

20% solute 80% solute
____% solvent ____% solvent



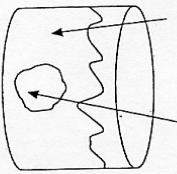
- A. _____
- B. _____
- C. _____

____% solute ____% solute
10% solvent 90% solvent



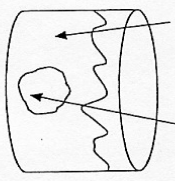
- A. _____
- B. _____
- C. _____

40% solute 30% solute
____% solvent ____% solvent



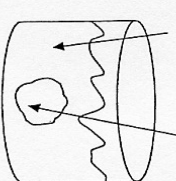
- A. _____
- B. _____
- C. _____

50% solute 50% solute
____% solvent ____% solvent



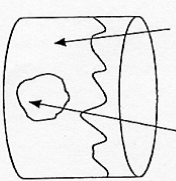
- A. _____
- B. _____
- C. _____

80% solute ____% solute
____% solvent 10% solvent



- A. _____
- B. _____
- C. _____

____% solute 30% solute
70% solvent ____% solvent



- A. _____
- B. _____
- C. _____