NAME _____ DATE _____PERIOD_____
Osmosis Worksheet

NOTES

Solute = substance _____

Solvent = doing the _____

Solution = _____ + _____

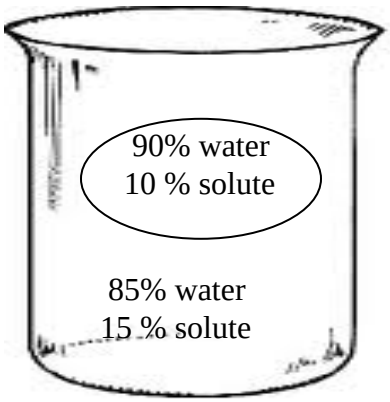
TYPES OF SOLUTIONS

- A **hypertonic** solution has _____ solute than the cell. Water moves _____ the cell.
- A hypotonic solution has _____ solute than the cell. Water moves _____ the cell.
- A isotonic solutions has _____ solute as the cell. Water moves _____ the cell.

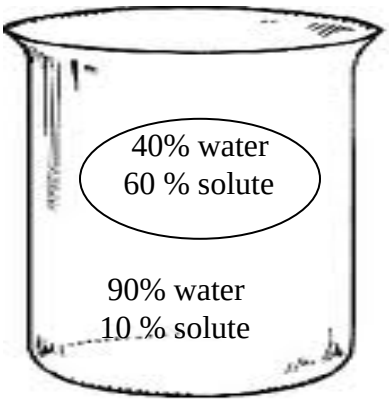
Directions

1. Write an **H** next to the high concentration of water and an **L** next to the low concentration of water.
2. Draw an arrow to show which way the net movement of water would be by osmosis.
3. Fill in any missing percentages (water or solute)
4. Identify the type of solution (isotonic, hypertonic, hypotonic).

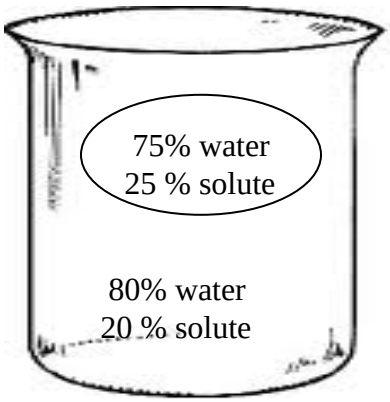
Below are animal cells placed in beakers of various concentrations.



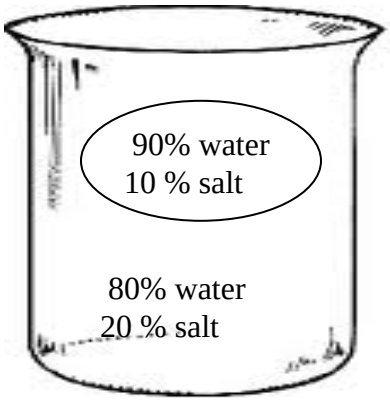
_____



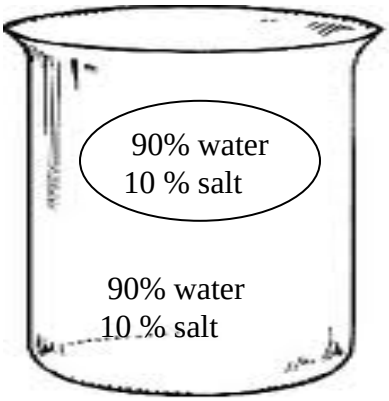
_____



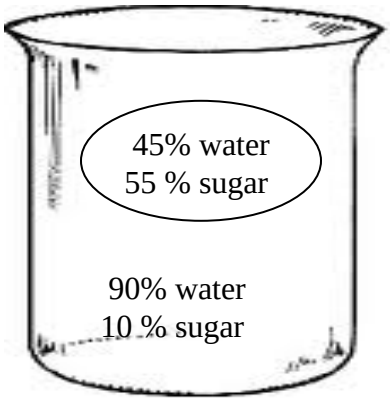
_____



_____

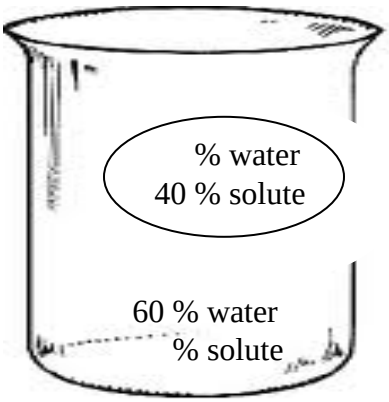


_____

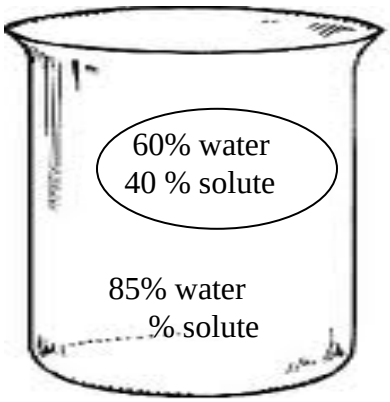


_____

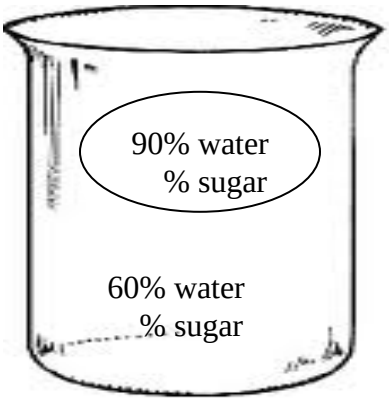
NAME _____ DATE _____PERIOD_____



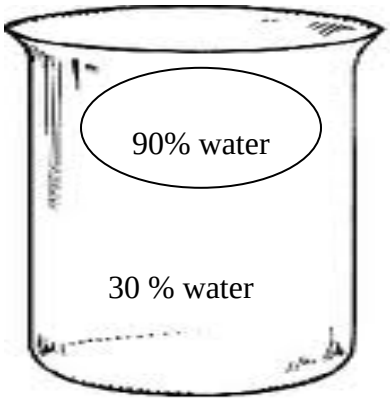
_____



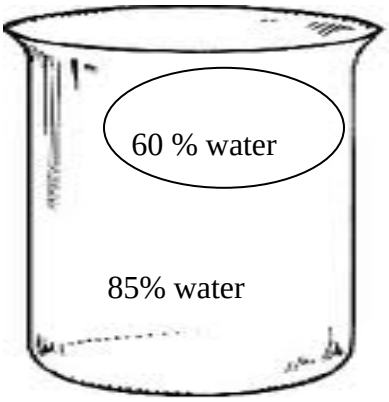
_____



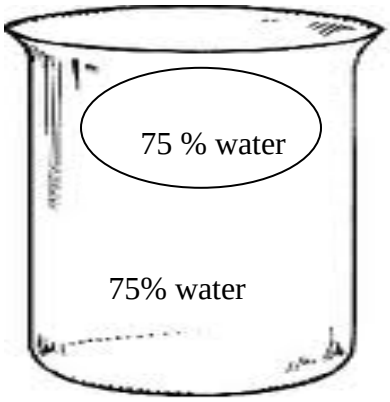
_____



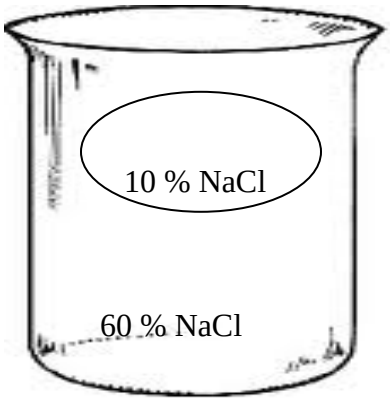
_____



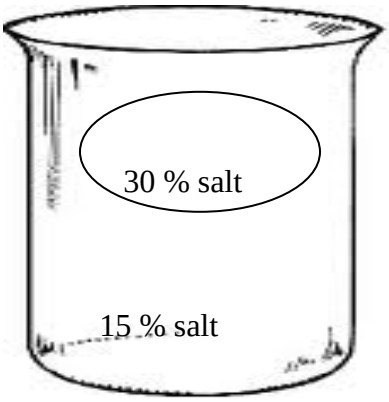
_____



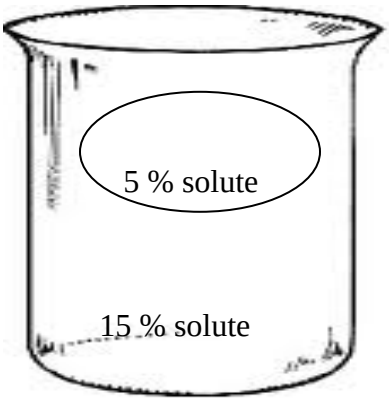
_____



_____



_____



_____