

Name: _____

Period: _____

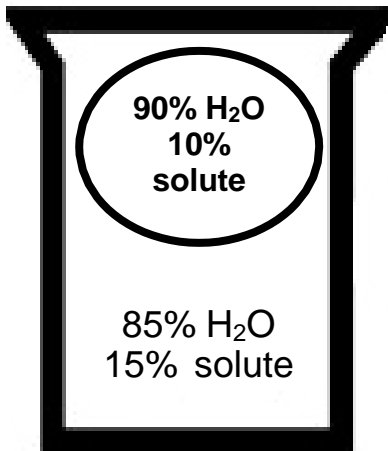
Date: _____

Osmosis: Practice Problems

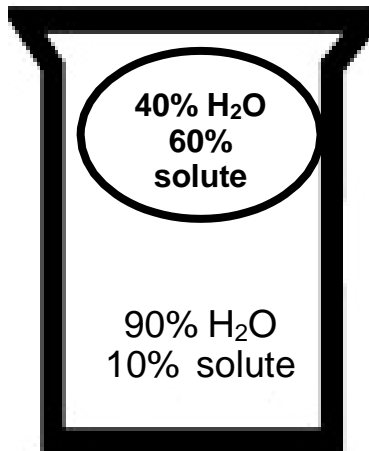
Scenario: Imagine that a single animal cell has been placed in a beaker of a given solution concentration.

Directions:

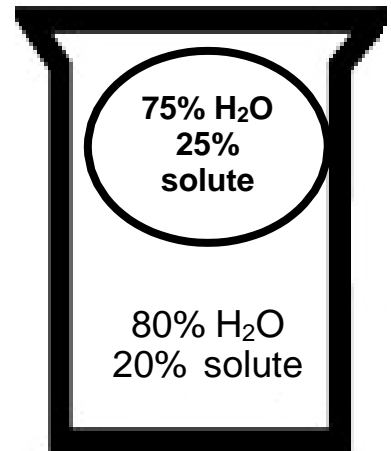
1. Fill in any missing percentages (water or solute)
2. Draw an arrow to show which way the water would move by osmosis
3. Predict the effect of water movement on the cell (cell **shrinks**, **expands**, or **stays the same**)
4. Identify the type of solution in which the cell is floating (**hypertonic**; **hypotonic**; **isotonic**)



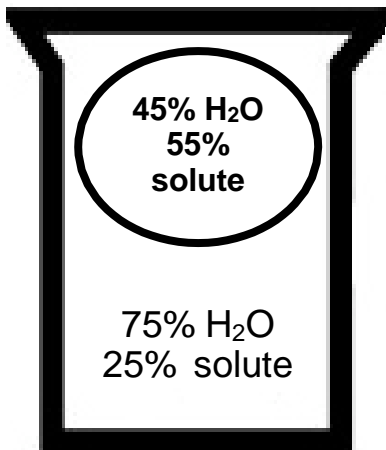
- 3) Effect:
4) Solution type:



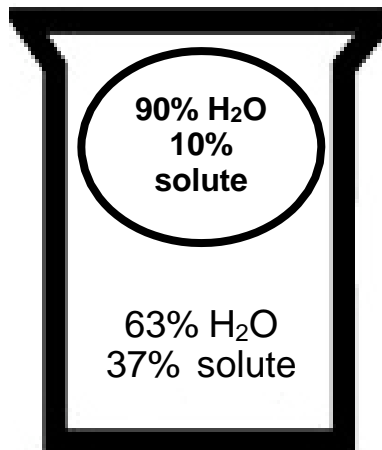
- 3) Effect:
4) Solution type:



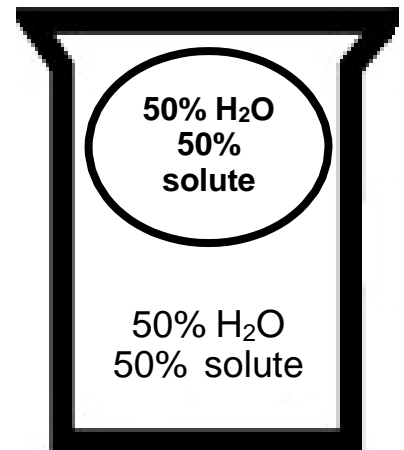
- 3) Effect:
4) Solution type:



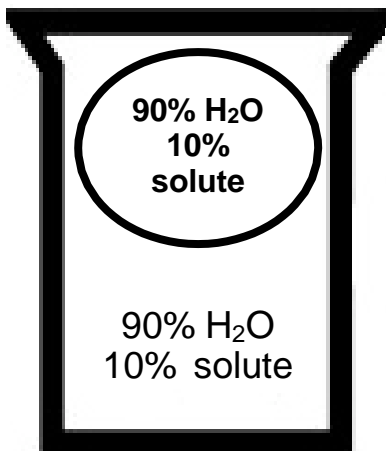
- 3) Effect:
4) Solution type:



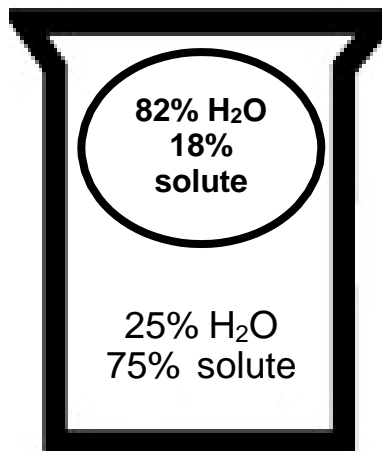
- 3) Effect:
4) Solution type:



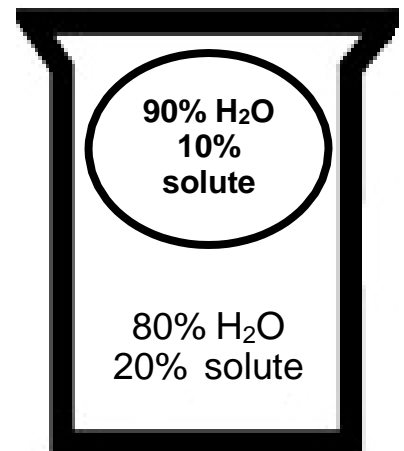
- 3) Effect:
4) Solution type:



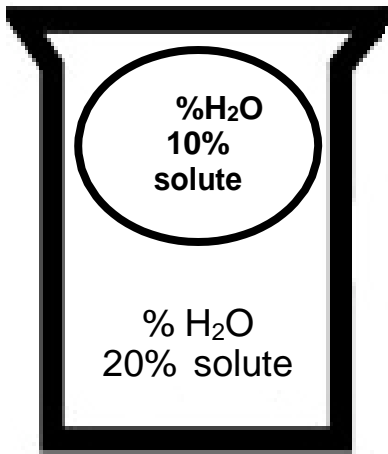
- 3) Effect:
4) Solution type:



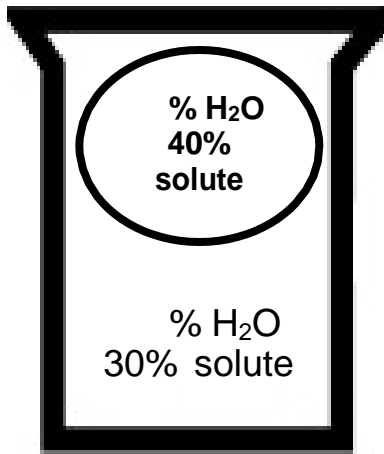
- 3) Effect:
4) Solution type:



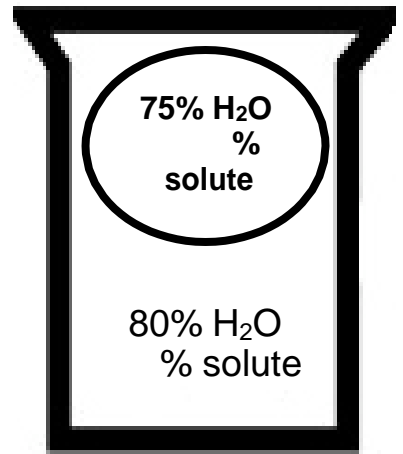
- 3) Effect:
4) Solution type:



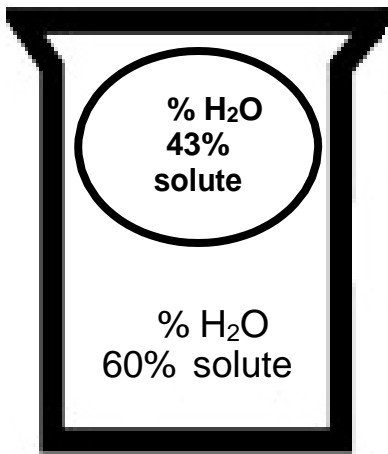
3) Effect:
4) Solution type:



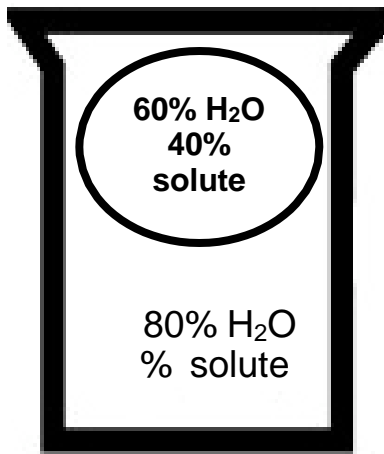
3) Effect:
4) Solution type:



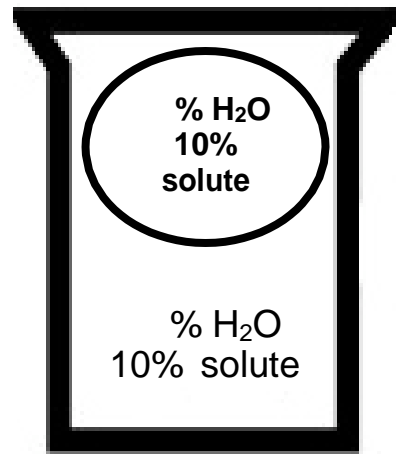
3) Effect:
4) Solution type:



3) Effect:
4) Solution type:



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4) Solution type:



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4) Solution type:

