

Answers to Osmosis Worksheet

Beaker	Solute Concentration		Type of Solution		Water Potential		NET movement of water	Cell change in mass
	Inside the cell	Outside the cell	Inside	Outside	Inside	Outside		
1	10%	15%	Hypotonic	Hypertonic	High	Low	Outside cell	Decrease
2	60%	10%	Hypertonic	Hypotonic	Low	High	Inside cell	Increase
3	25%	20%	Hypertonic	Hypotonic	Low	High	Inside cell	Increase
4	55%	25%	Hypertonic	Hypotonic	Low	High	Inside cell	Increase
5	10%	37%	Hypotonic	Hypertonic	High	Low	Outside cell	Decrease
6	50%	50%	Isotonic	Isotonic	Even	Even	None	0
7	10%	10%	Isotonic	Isotonic	Even	Even	None	0
8	18%	75%	Hypotonic	Hypertonic	High	Low	Outside cell	Decrease
9	10%	20%	Hypotonic	Hypertonic	High	Low	Outside cell	Decrease