Biology 1 Name:

***Osmosis Worksheet 2***  Date:

 Hour:

Fill in the chart to the right of each picture. Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |











|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |









|  |
| --- |
| Background:Membrane is PERMEABLE(solvent & solute can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |





2

Biology 1 Name:

***Osmosis Worksheet 2***  Date:

 Hour:

Fill in the chart to the right of each picture. Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |









|  |
| --- |
| Background:Membrane is PERMEABLE(solvent & solute can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |





1

Biology 1 Name:

***Osmosis Worksheet***  Date:

 Hour:

Fill in the chart to the right of each picture. Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |





4

Biology 1 Name:

***Osmosis Worksheet***  Date:

 Hour:

Fill in the chart to the right of each picture. Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |











|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |



3

Biology 1 Name:

***Osmosis Worksheet***  Date:

 Hour:

Fill in the chart to the right of each picture. Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |













|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |









2

Biology 1 Name:

***Osmosis Worksheet***  Date:

 Hour:

Fill in the chart to the right of each picture. Water ( ) is the solvent. The solute looks like this:

Check only the boxes that apply.

|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass)Extracellular Fluid |
|  | Moves In (Net) | Moves Out (Net) | No Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |



Cell Membrane





Intracellular Fluid







|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |









|  |
| --- |
| Background:Membrane is SEMIPERMEABLE(only solvent can pass) |
|  | Moves In (Net) | Moves Out (Net) | No (Net) Movement |
| Solvent |  |  |  |
| Solute |  |  |  |
|  | Hypotonic | Hypertonic | Isotonic |
| Intracellular |  |  |  |
| Extracellular |  |  |  |











1