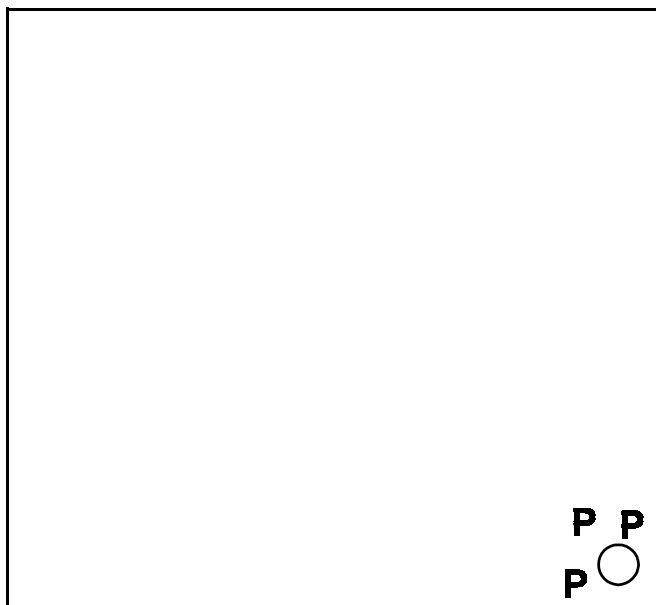
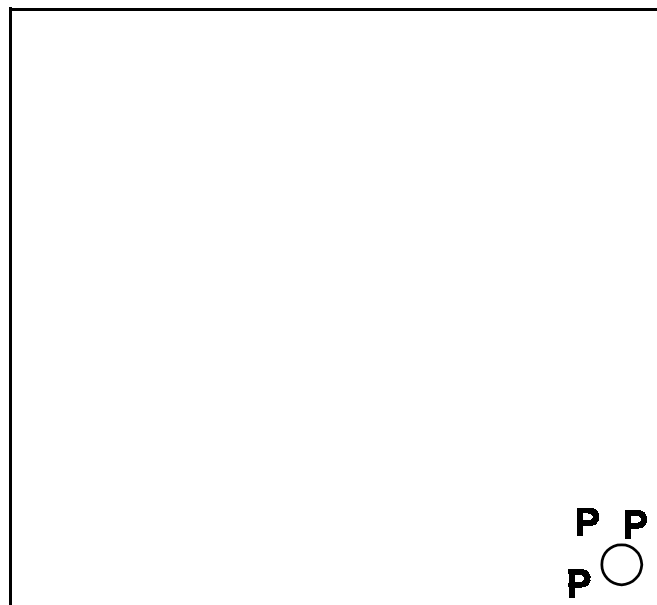


Diffusion and Osmosis Practice Worksheet

The drawing below on the left represents a perfume bottle that has just been opened in one corner of the room. Each “P” represents a perfume molecule that has come out of the bottle. In the second diagram, show what has happened to the perfume molecules after 20 minutes (Hint: you will probably need more than 3 “P”’s because there are more molecules in the bottle).



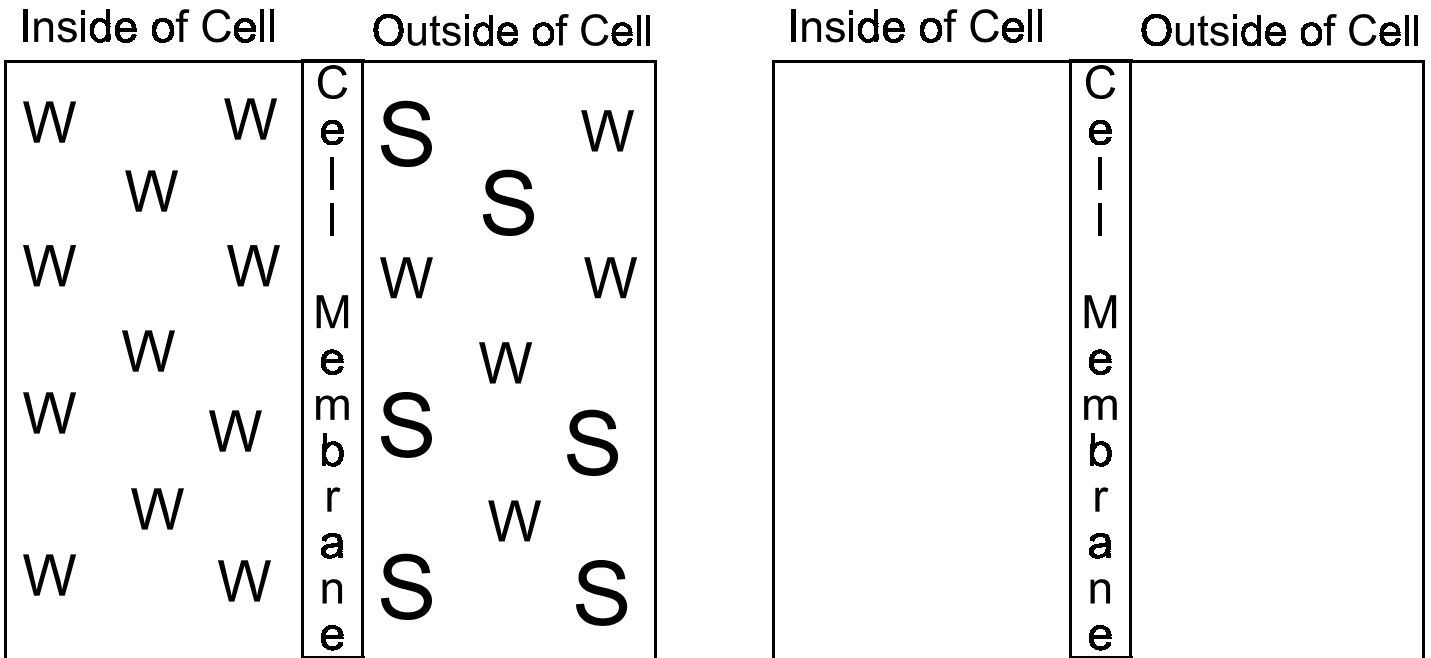
Perfume Bottle Just Opened



Perfume Bottle After 20 Min.

In the space below, explain the reason that you drew the “After 20 Min.” drawing the way that you did. Make sure that you explain it in terms of **diffusion**.

The drawing below on the left represents a cell that is sitting in salt water. Each “W” represents a water molecule and each “S” represents a salt molecule. In the second diagram, show what will happen to the water.



In the space below, explain the reason that you drew the second drawing the way that you did. Make sure that you explain it in terms of **osmosis**.

How is what happened in the above diagrams like what will happen to the chicken cells or to the eggs? Explain fully.