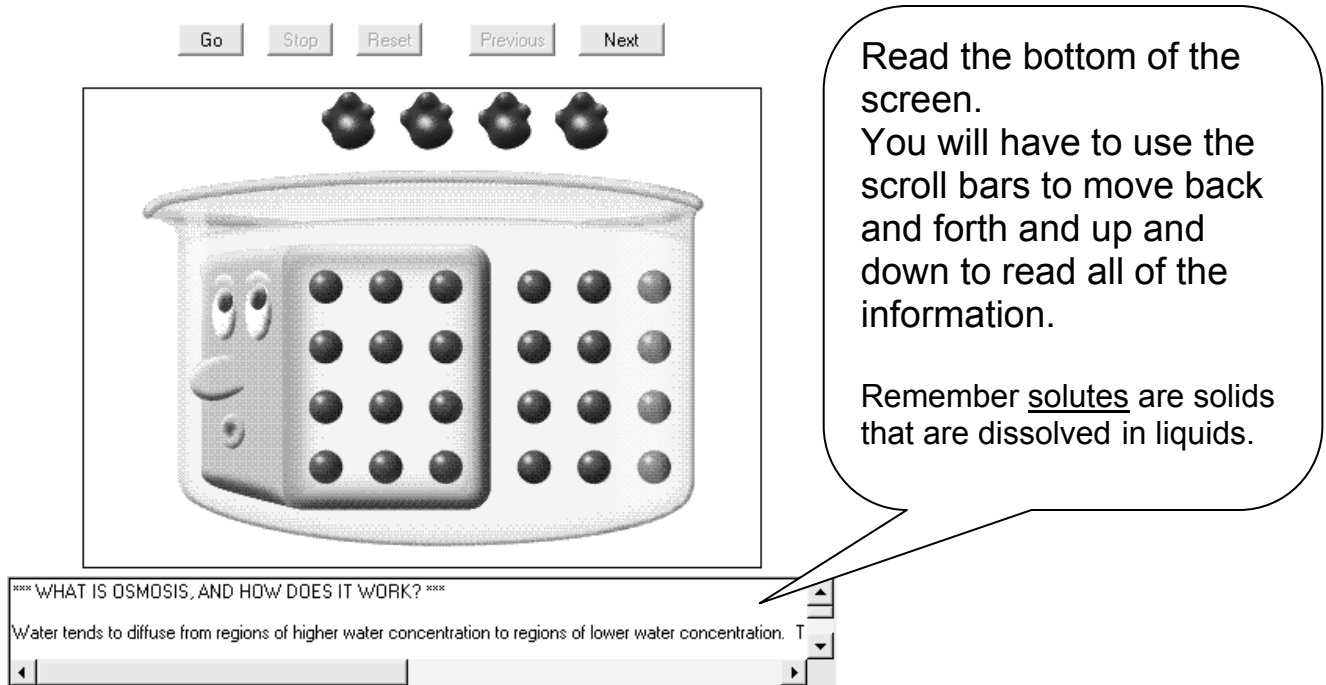


Name \_\_\_\_\_

Go to this web site:

[http://www.colorado.edu/epob/academics/web\\_resources/osmosis/](http://www.colorado.edu/epob/academics/web_resources/osmosis/)



Go Stop Reset Previous Next

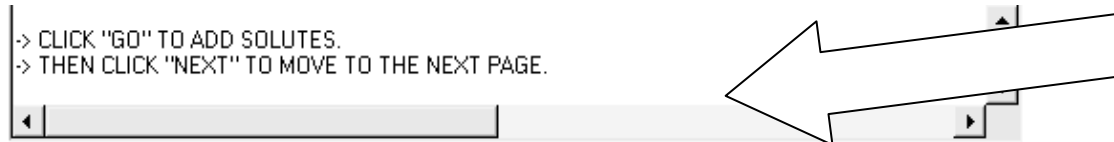
Read the bottom of the screen.  
You will have to use the scroll bars to move back and forth and up and down to read all of the information.

Remember solutes are solids that are dissolved in liquids.

\*\*\*\* WHAT IS OSMOSIS, AND HOW DOES IT WORK? \*\*\*\*

Water tends to diffuse from regions of higher water concentration to regions of lower water concentration. T

When you have read all of the information, follow these instructions:



-> CLICK "GO" TO ADD SOLUTES.  
-> THEN CLICK "NEXT" TO MOVE TO THE NEXT PAGE.

Answer these questions:

1. Calculate the concentration of water inside the cell. Which concentration is higher?
2. Based on your calculations, which way do you think water will flow?

Continue following the instructions on the computer. These questions will be on the computer screen, answer them as you go through the activity.

1. When the animation is finished, calculate the concentration of water both inside and outside the cell. Are they equal?
2. What do you think the water pressure will do to this cell?
3. Can you think of a situation in which water would leave a cell by osmosis? How would it affect the shape of the cell?