

Due at time of Quiz (12/16/16)

1. What is the diffusion of water across a membrane is called? _____
2. Diffusion and osmosis are examples which type of transport? _____
3. The difference in concentration across a membrane is called the: _____

4. What is it call when solutes move against the concentration gradient it is called? _____

5. What type of transport are Sodium-potassium pumps? _____
6. Most of the time, the environment plant cells live in is isotonic, hypotonic or hypertonic?

7. What is the process called by which things are brought into the cell by engulfing the particle and pinching it off to make a vesicle?

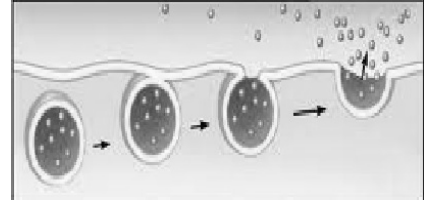
8. What is the movement of particles from an area of high concentration of solute to an area of low concentration called?

9. Draw a diagram of a cell is hypertonic, hypotonic and isotonic solutions.

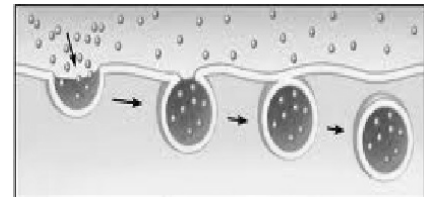
Isotonic

Hypertonic

Hypotonic



10. Identify the form of **active** transport in the diagram to the **right**: _____



11. Identify the form of **active** transport in the diagram to the **right**: _____

12. What type of solution is a cell in when water enters a cell to balance the concentration and the cell expands?

13. What type of solution is a cell in when there are equal amounts of solutions on the inside and outside the cell?

14. What type of solution is a cell in when water leaves the cell to balance the concentration and the cell shrinks?
