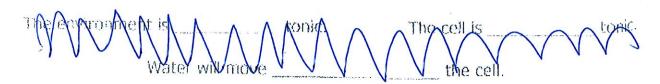
## PASSIVE TRANSPORT REVIEW WORKSHEET

1.		ess by which molecules move from an area of higher
	concentration to an area of lesser concentration.	
2.	Osmosis refers specifically to the diffusion of water.	
3.	The difference in the concentration of molecules across a space is called a	
	concentration gradient.	
4.	When the concentration of solutes outside the cell equals the concentration of solutes inside the cell, the environment is said to be	
<u>t</u> ),	A solution that contains 15% solutes is <u>85</u> % water.	
6.	90% HZO 10% SOL	The environment is hype tonic.  The cell is hyper tonic.
t	(15% 50)	Water will move in to the cell.
7.	20% SOL	The environment is hyper tonic.  The cell is hypo tonic.  Water will move out of the cell.
Š.	83% H20 (85% H20) 17 Sol (15 Sol)	The environment is $hyper_tonic$ .  The cell is $hypo_tonic$ Water will move $out_tof_t$ the cell.
9.	A cell containing 15% solutes is placed in a solution that is 12% solutes.	
	The environment is hypo	tonic. The cell is hyper tonic.
Water will move into the cell.		



- 11. A cell with high turgor pressure is probably in a hype tonic environment.
- 12. Examine the diagram to the right.

Solution **B** is isotonic relative to the cell.

13. Examine the diagram to the right.

The cell would be most likely to lose water if it were placed in solution

Concentration of Solute Molecules
In a Cell and Four Beakers

40

40

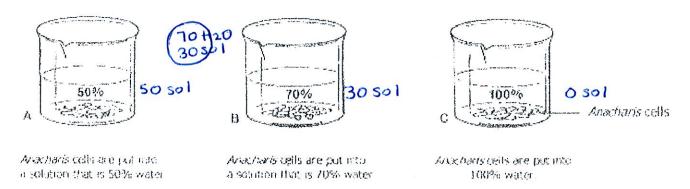
A

B

C

D

The cytosol of Anacharis cells is composed of 70% water molecules and 30% solutes.



14. The concentration of water in the *Anacharis* cells and their environment is the same in beaker

B. ....

- 15. The concentration of water in the Anacharis cells is higher than the environment in beaker
- 16. The Anacharis cells will shrink in beaker A.....
- 18. The Anacharis cells will remain the same size in beaker 8 .....