

CELL WORKSHEET

- 1) How many layers of phospholipids does a cell membrane have?
- 2) What part of the membrane is hydrophilic? Hydrophilic?
- 3) The glycerol heads face _____ The fatty acid tails face _____
- 4) What are the jobs of the proteins in the cell membrane?
 - 5) Diffusion - allowed?
 - 6) Diffusion - not allowed?
 - 7) What does facilitated diffusion allow?
 - 8) Can ions, vitamins, liposomes and liposomes?
- 9) A cell is 80% water and 20% solutes. The cell is placed in an environment of 70% water and 30% solutes.
 - a) What term applies to the outside environment?
 - b) Which way is the water going to go?
 - c) What is going to happen to the shape of the cell?
- 10) Another cell with the same concentrations is placed in a solution of 90% water and 10% solutes.
 - a) What term describes the outside of the cell?
 - b) Which way is the water going to move?
 - c) What is going to happen to the cells shape?
- 11) What does active transport require?
- 12) How is endocytosis different from active transport?
- 13) The two types of endocytosis are _____ and _____
- 14) Which are more solid particles? Fluids?