Honors Biology Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
NDHS Per: \_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Reading Assignment: Cell Membranes and Transport  
Page 208 – 213**

Cell Transport

What is the difference between passive and active transport?   
What are the three types of passive transport?   
What is the difference between diffusion and facilitated diffusion?   
What is the role of an aquaporin?   
Define:  
 Hypertonic  
 Hypotonic  
 Isotonic

If you have a membrane separating a solution a hypertonic and hypotonic solution, how will the water move?

What happens to cells in hypotonic solutions?

What happens to cells in hypertonic solutions?

How does osmotic pressure help plants?

What is the role of protein pumps in active transport?

Draw and Define Exocytosis and Endocytosis