Name:_____ Unit:_____ Date:_____ Pd:___

Quick Practice: Membrane Transport

A & P Honors

Instructions: Select the key choices that characterize each of the following statements. Some answers may be used more than once.

A. Simple Diffusion
B. Active Transport (primary and secondary)
C. Facilitated Diffusion
D. Osmosis
E. Exocytosis
F. Phagocytosis
G. Pinocytosis
H. Diffusion

1._____ Proceeds against concentration gradient; requires a protein carrier (pump)

2. _____ Used to eject large amounts of wastes or to secrete cell biomolecules in large quantities

3. _____ Moves water through a semipermeable membrane

4. _____ Transports amino acids, some sugars, and Na+ through the plasma membrane (with conc. Gradient)

5. _____ Moves small or lipid-soluble (non-polar) solutes through the membrane

6. _____ Engulfment or ejection (secretion) processes that requires ATP (3 answers)

7. _____ Driven by molecular (kinetic) energy – can also occur in non-living systems (2 answers)

8. _____ Moves down (with) the concentration gradient (3 answers)

Category of Transport	Type of Transport	Basic Description	Example of molecules being moved
Passive Main Characteristics:	**1) Simple Diffusion**		
	2) Carrier Mediated facilitated		
	3) Channel Mediated Facilitated diffusion		
	4) Osmosis		
Active Main Characteristics:	**1) Primary Active Transport**		
	2) Secondary Active Transport		
	3) Endocytosis (name the two forms):		
	4) Exocytosis		

Osmosis Video Notes (including area to sketch practice problem):