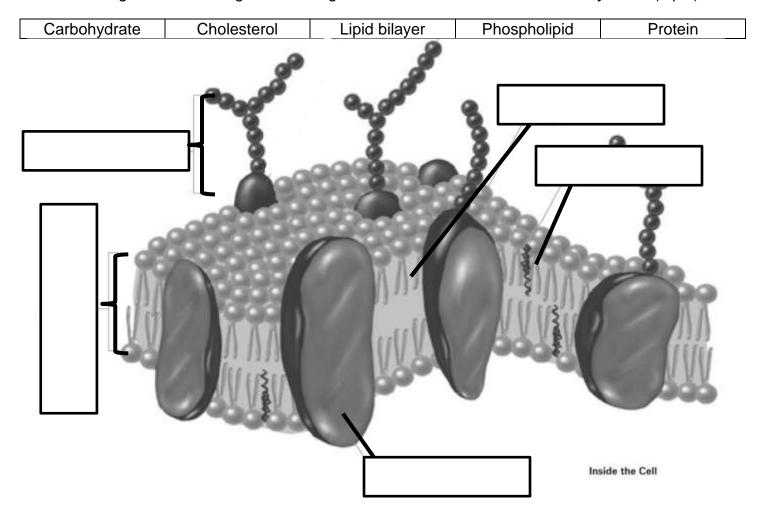
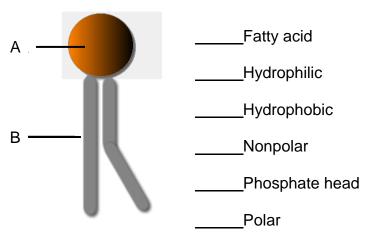
Name Block Date
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## The Plasma Membrane Quiz - BIO.3d

Label the diagram below using the following terms. Each term will be used exactly once. (5 pts)



1. The most common molecule in the cell membrane is pictured below. Match each term with the correct label on the picture. Letters may be used more than once. (1 pt each; 6 total)



Complete the chart below. The osmosis row is completed for you. (0.5 pts per cell; 6 pts total)

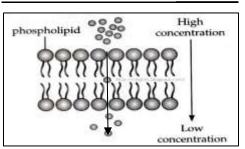
Type of Requires	Results in dynamic	Transport	Direction of molecule
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transport	energy input?	equilibrium?	proteins required?	movement?
	(Y or N)	(Y or N)	(Y or N)	(Up or down
				concentration gradient)
Simple				
Diffusion				
Facilitated				
diffusion				
Osmosis	N	Υ	Y	Down
Active				
transport				

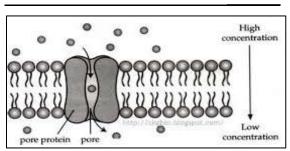
Label each of the following diagrams with the correct type of transport, listed below. Write the name of each transport above each picture. Not all terms will be used. (4 pts)

Active Transport	Simple Diffusion	Exocvtosis	Facilitated Diffusion	Osmosis

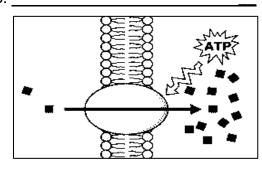
1.



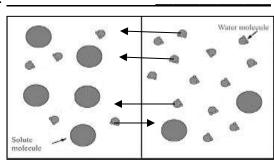
2.



3.



4.



Describe the function of cholesterol molecules in the phospholipid bilayer of the cell membrane. (1 pt)

Explain why phospholipids arrange themselves in a lipid bilayer within the cell membrane. (2 pts)
Define "homeostasis." (1 pt)