Name							Date			
		Cell Me	embrane	and Tra	insport P	ractice				
<b>Directions.</b> Cor help you.	nplete each ques	tion to the	best of yo	our ability.	Use your so	ience inquir	y log, notes a	nd textbook to		
1. Write the lette	er of the definition	on next to	the correc	t vocabular	y word.					
lipid bila	yer	A. pro	tein chann	el in the ce	ll membran	e that allows	s water to pas	s through		
selective	y permeable ansport	B. process through which molecules pass through special protein channels in the cell membrane								
diffusion		C. double-layered sheet that gives the cell membrane a strong, flexible barrier								
facilitate	diffusion	D. type of cellular transport requiring cellular energy								
osmosis		E. some substances can pass through and others cannot								
aquapori	n	F. type of cellular transport that does not use cellular energy								
active transport G. facilitated diffusion of water through a selectively permeable m								membrane		
		H. process by which particles move randomly from high to low concentration								
until equilibrium is reached										
Explain the fu Explain why	unction of the cel				ely permeal	ble. Why is t	his necessary	for the cell to		
survive?	,									
4. Complete the	following comp	arison cha	rt for the	different typ	es of cellu	lar transport.	Place an "X"	if the		
characteristic is	true for each typ	e of cellul	ar transpo	rt.		-				
	Type of cellular transport	Does <u>not</u> use	Does use cellular	Occurs across the	Involves proteins in the cell	Involves molecules	Based on the random			

Type of cellular transport	Does <u>not</u> use cellular energy	Does use cellular energy	Occurs across the cell membrane	Involves proteins in the cell membrane	Involves molecules and/or ions	Based on the random movement of particles
Diffusion						
Facilitated diffusion						
Active transport						