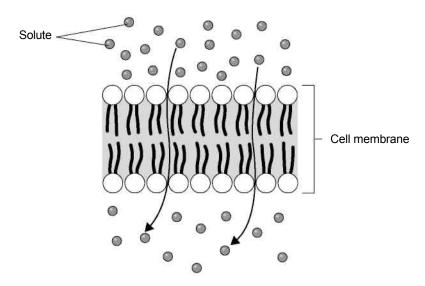
Naı	me	_ Class	Date
_	ection 7-3 Cell Bounda	ı ries (page	es 182-189)
•	What are the main functions of the What happens during diffusion? What is osmosis?	cell membrane	and the cell wall?
	Il Membrane (page 182) What are the functions of the cell me	embrane?	
2.	The core of nearly all cell membrane	es is a double-la	yered sheet called a(an)
3.	What is the difference in the function a cell membrane?	-	
Cel 4.	I Walls (page 183) In what organisms are cell walls four		
5.	Is the following sentence true or fals	se? The cell wal	l lies inside the cell membrane.
6.	What is the main function of the cell	l wall?	
7.	What are plant cell walls mostly mad	de of?	
	fusion Through Cell Boundar What is the concentration of a solution	\. ·	•
9.	What is diffusion?		
10.	What is meant when a system has rea	ached equilibriu	m?

11. The molecules of solute in the illustration are moving through the cell membrane from top to bottom. Indicate with labels which side of the membrane has a high concentration of solute and which has a low concentration.



Osmosis (pages 185-186)

12. What does it mean that biological membranes are selectively permeable?

13. What is osmosis?

14. Is the following sentence true or false? Water tends to diffuse from a region where it is less concentrated to a region where it is highly concentrated.

15. When will water stop moving across a membrane?

Match the situation to the description.

Situation

Description

16. Two solutions are isotonic.

a. The solution is above strength in solute.

_____ **17.** A solution is hypertonic.

b. The solutions are the same strength.

_____ **18.** A solution is hypotonic.

c. The solution is below strength in solute.

19. On which side of a selectively permeable membrane does osmosis exert a pressure?

lame		Class	Date
	iffusion (page ons during the proce	=	?
What is the r	role of protein chan	nels in the cell membrane	?
	ving sentence true		ion does not require the cell to
concentration Is the followed during the p	on difference is call ving sentence true or occess.	chat moves material across ledor false? Active transport across of active transport.	always requires transport proteins
Туре	Description	PES OF ACTIVE TRANSPO	ואכ
Endocytosis			
Phagocytosis			
Exocytosis			