CONCEPT:	OSMOTIC	PRESSURE
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Recall, it is the force that	at drives the movement of v	vater from a	_ concentration to a	concentration.
□ The osmotic pre	essure of a solution can be	influenced by its _	and	
Osmotic Pressure Formula				
	□ <u>Π</u> = Osmotic Pressure in			
		□ = Van'	t Hoff Factor	
=_		□= Solu	bility or Concentration	in
		□ = Gas	constant:	
		□ = Tem	perature in .	

EXAMPLE: Calculate the osmotic pressure of a solution containing 18.30 mg of ZnO in 15.1 mL of solution at 26°C.

PRACTICE: The osmotic pressure of blood is 5950.8 mmHg at 41°C. What mass of glucose, $C_6H_{12}O_6$, is needed to prepare 5.51 L of solution. The osmotic pressure of the glucose solution is equal to the osmotic pressure of blood.

PRACTICE: The osmotic pressure of a solution containing 7.0 g of insulin per liter is 23 torr at 25°C. What is the molar mass of insulin? (1 atm = 760 torr)