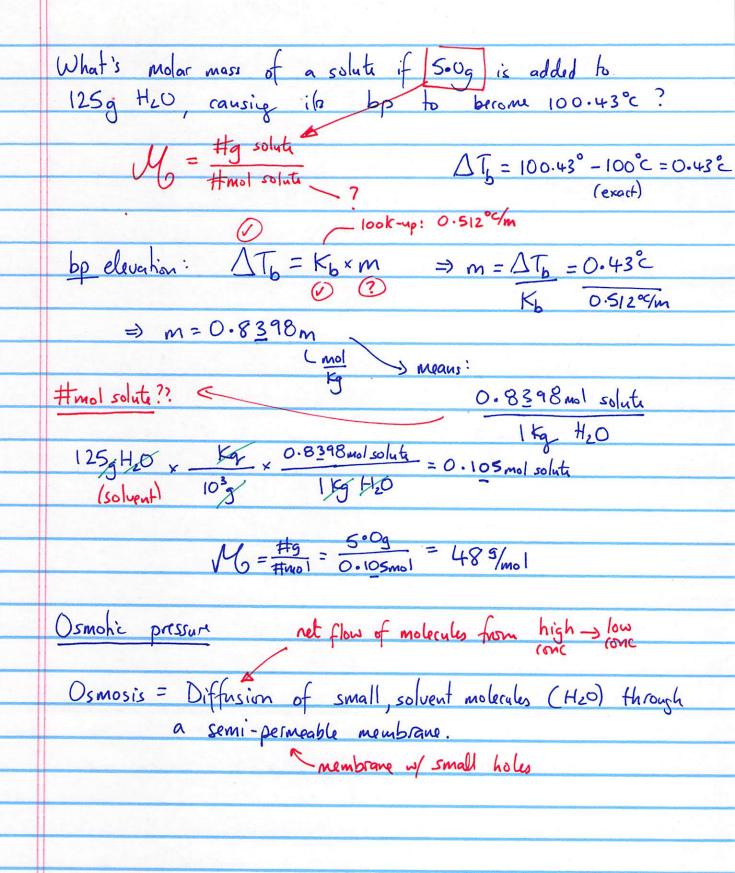
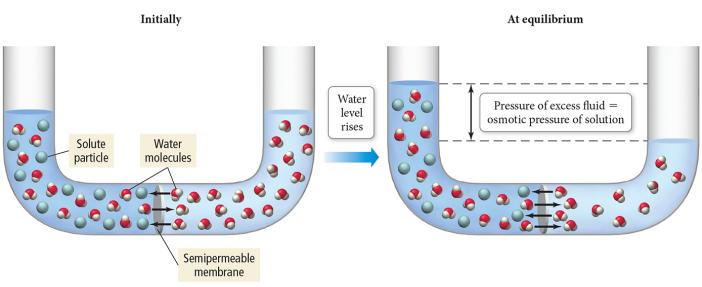


TABLE 13.8 Freezing Point Depression and Boiling Point Elevation Constants for Several Liquid Solvents				
Solvent	Normal Freezing Point (°C)	K _f (°C/m)	Normal Boiling Point (°C)	K _b (°C/m)
Benzene (C ₆ H ₆)	5.5	5.12	80.1	2.53
Carbon tetrachloride (CCI ₄)	-22.9	29.9	76.7	5.03
Chloroform (CHCl ₃)	-63.5	4.70	61.2	3.63
Ethanol (C ₂ H ₅ OH)	-114.1	1.99	78.3	1.22
Diethyl ether (C ₄ H ₁₀ O)	-116.3	1.79	34.6	2.02
Water (H ₂ 0)	0.00	1.86	100.0	0.512

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Osmosis and Osmotic Pressure



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