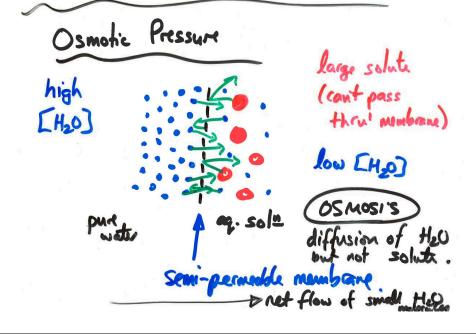
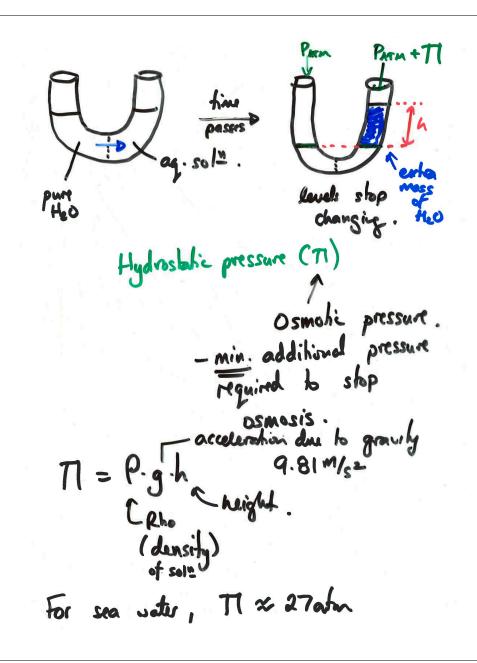
5.0% (WW) soly of C2H3OH in C6H6. wholis fp? fp(benzen) = 5.53°C , Kf = 5.120c/m ATE = Kr. M m = #mol solute (CaHgOH) (CaHg Start: 150g sola > 5.0g C2H3OH > 95.0g C6H6 0.0950K 5.0g C2 H3OH | Into C2 H3OH = 0.1085mol C2 H5OH m = 0.1085mol = 1.142 mol er m 0.095019

fp?
pure CoHo: fp= 5.53°C

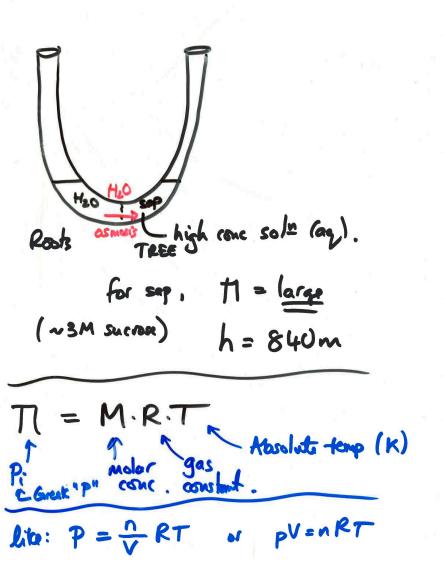
5 %(4%) sol=: fp = 5.53°C

-0.32°C





about 30 ft of water 2 lahr T1=27ah PHO no net osmolic flow If we apply a pressure greater than TI, we get REVERSE OSMUSIS - How flows in other dira!



Using colligative props to find M.

ATF, ATB, TI ex: 0.150g of polyvinglakold (PVA) is dissolut in HeU w/ a total vol of 250.mL. The osmotic presence of the st @ 25°C is 0.0676mmHg. What's W TI=M.R.T -> M= FT 11=0.0676mmHg x lahn = 8.89×10-5/m -> M= 8.89×10-3/m _ = 3.657x10 mol FT 0.0821 ahn.L x 298K