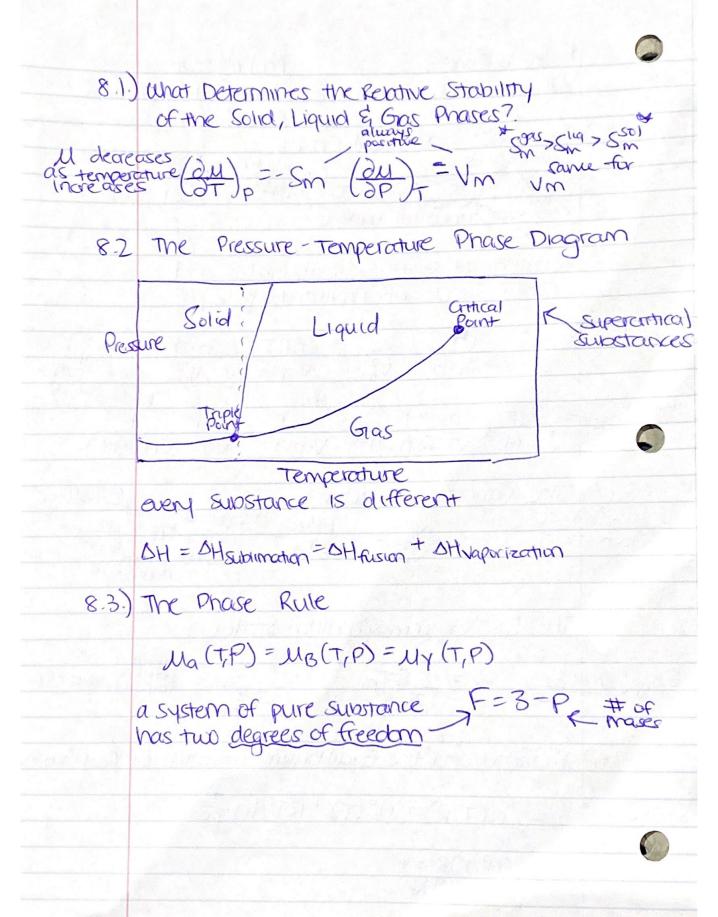
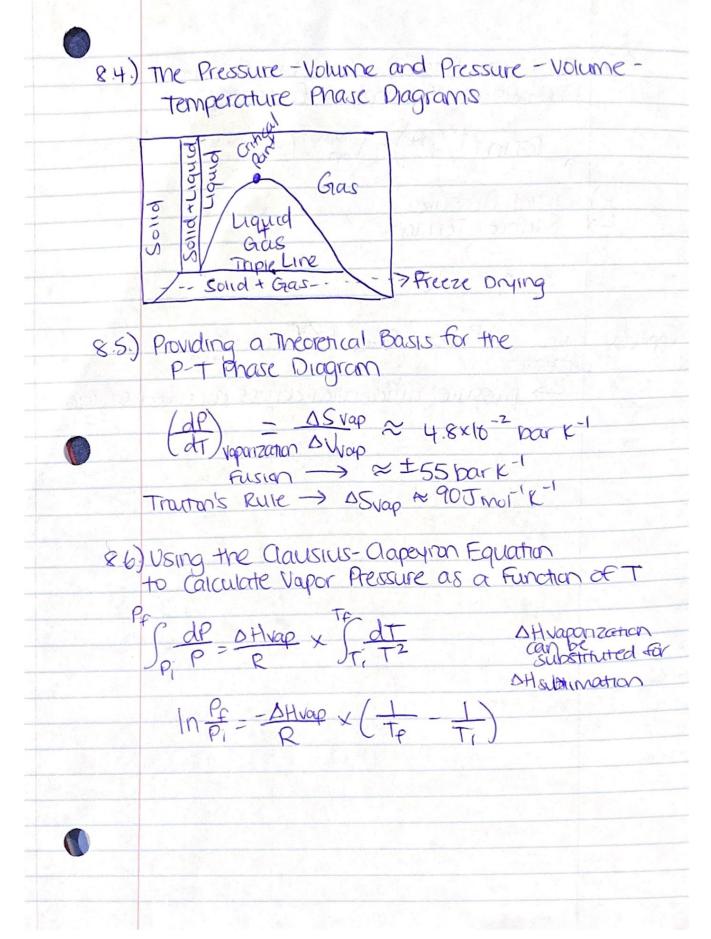
	Kovinesh Ramotar	April 6th, 2020	
	Macro P. Chem.	Reading Hw:	
7.1.)	Real Gases and Ideo real gases comport be compressed to P-V- volume less than the total molecular vol	always related regardless of Ideal or real	d
ma	purtue Prove Pluc	Me becelule 1500	7
72)	Equations of State for Their Range of F		
bande	rwoals atton $p = \frac{RT}{V_m - b} - \frac{q}{V_m^2}$	$= \frac{nRT}{V-nO} = \frac{n^2q}{V^2}$	Predict P-V
Redich-	P=RT - a 1 Vm-10 - VT Vm(Vm+b)	= NRT na V-NO JT VI	(U+nio)
13.) lim (dz/dp) tven	The Compression Factor $Z = \frac{V_m}{V_m^{2}}$	RT alb > suo	different gas - a RIO DISTORICE PENDENT
2.11		Ive facts Rule	T/E 8
1.4.)	The Law of (orrespo	inding States	
Emor = 100	$\sqrt{\frac{z-1}{z}}$ $P_r = \frac{8T_r}{3V_{mr}}$	Vm	powameters af b
7.5.)	Fugacity and the Equ	uilibrium Constant t	for Real Glase
effective that a red exer	oresture is gas M(T,P) = M° (7	DYRT Info	
	repairly = f		





8.7.) The Vapor Pressure of a Pure Substance Depends on the Applied Pressure RTIA (P/p*) = Vinquid (P-P*) 88.) Partial Pressure Surface Tension dA= Ydo Pinner= Parter + 24 goes from Capillary rising depression >> pressure differential across a curred surface