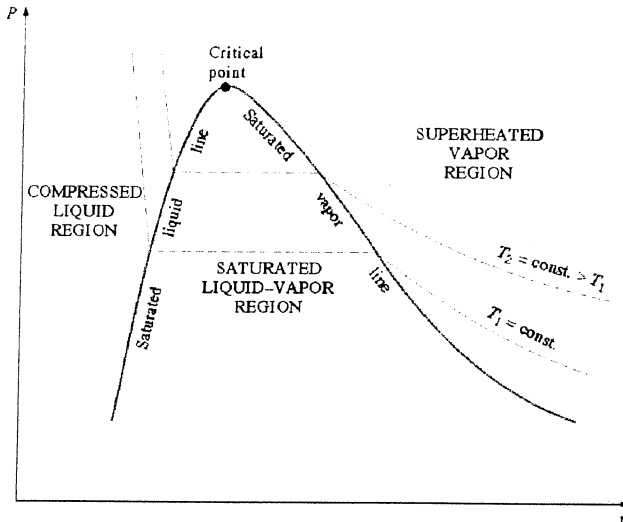


ME 211 – Thermo I -- Application of Property Tables  
Property Tables -- Review

Name: \_\_\_\_\_



(If the Phase is a mixture, compute X):  
Find the missing information for Water:

State	T (deg. C)	P (kPa)	v (cubic m/kg)	u (kJ/kg)	Phase
1	100	200			
2		200			Sat. Liquid
3	400	300			
4		200	0.75		
5		200			Mixture, x =0.37
6		4000	0.07343		
7		200		2500	
8		35000	0.002		

Find the missing information for R-134A:

State	T (deg. C)	P (kPa)	v (cubic m/kg)	u (kJ/kg)	Phase
9	-20	200			
10		200			Sat. Liquid
11	120	320			
12		200	0.075		
13		200			Mixture, x =0.37
14		1600		287	
15		1000		365.70	