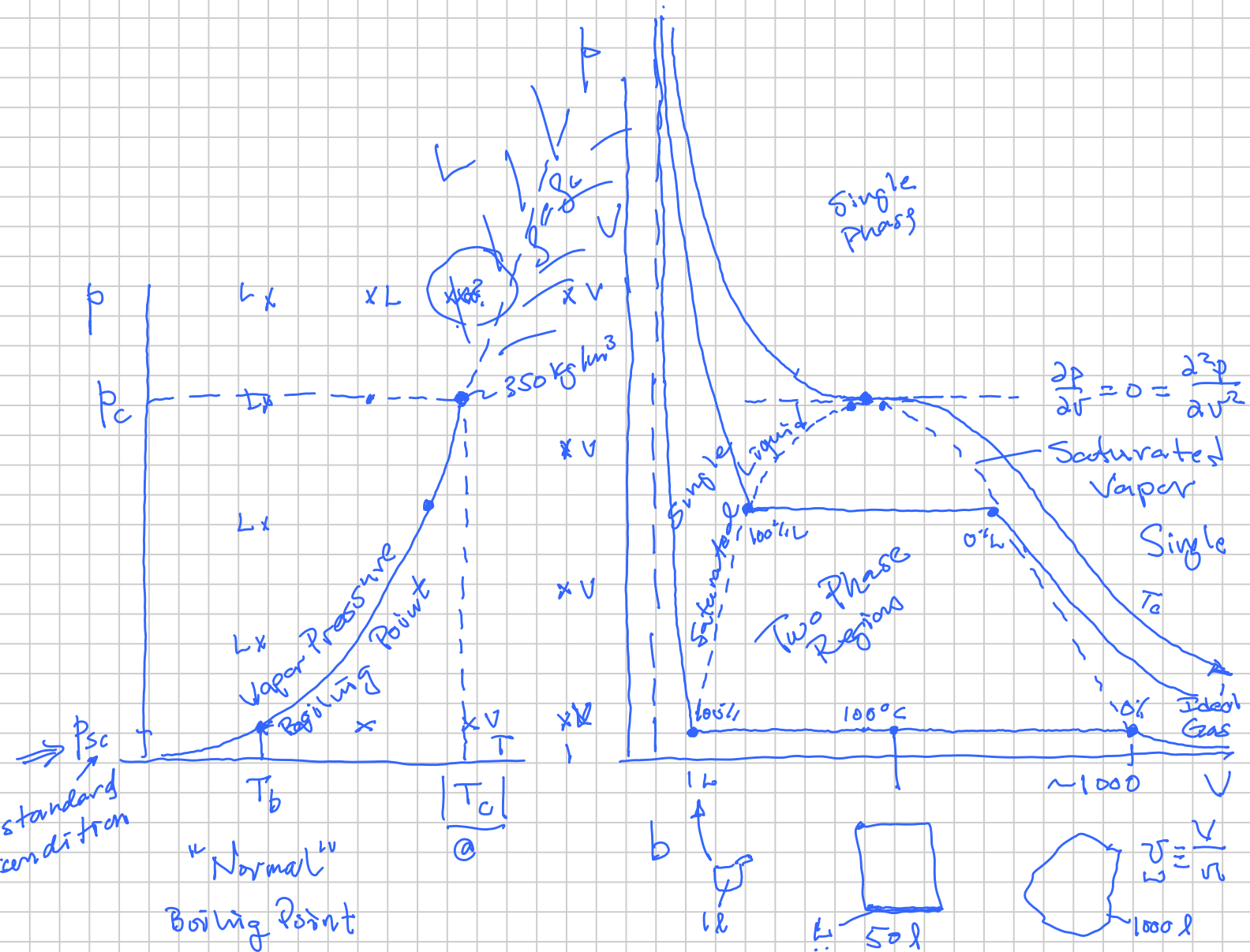
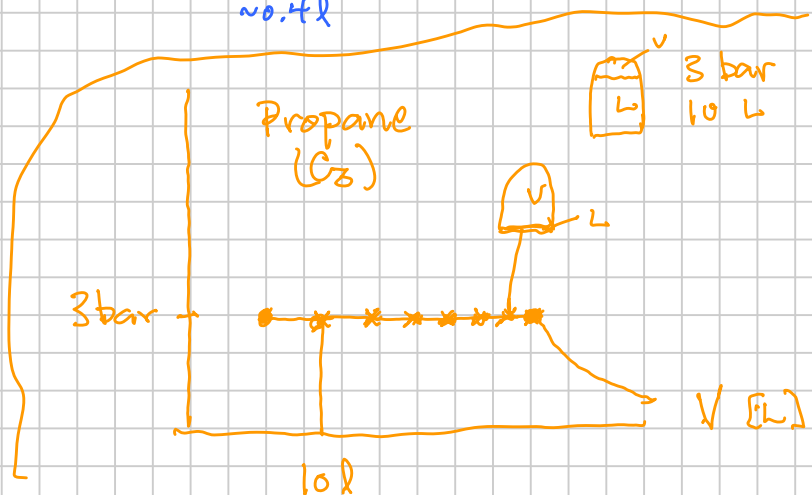


p-T Diagram : Map of p-T space where you'll find 1-phase (oil or gas) and p-T space where two-phases^L (oil & gas)^V coexist.



Along the V.P. line we
(can) have two phases
everywhere, else single
phase

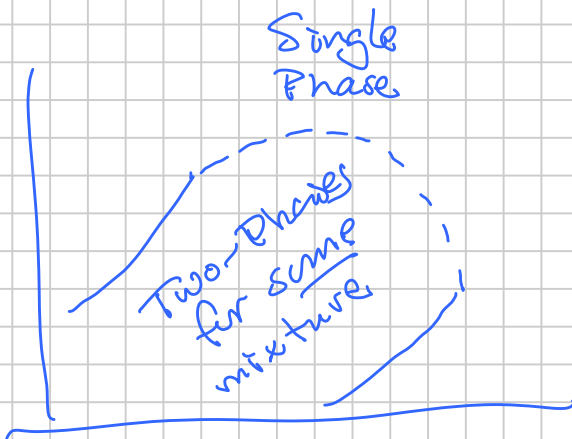
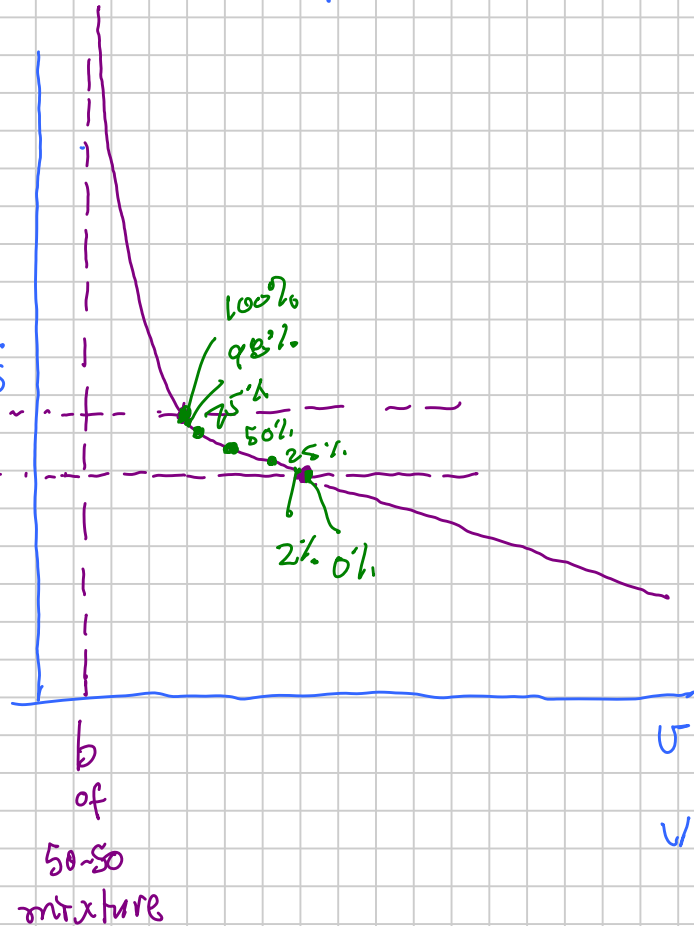
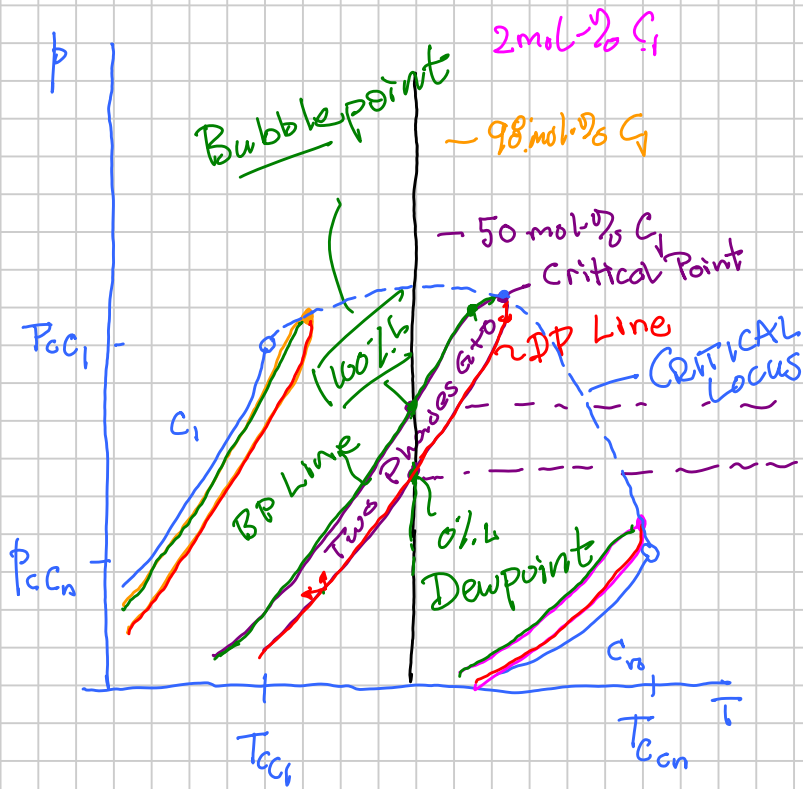


$$\frac{1}{\text{mole}} \rightarrow$$

$$v \approx \frac{V}{n}$$

v ↑
 $n(\text{time})$ ↓

Two Components e.g. $C_1 - C_2$ or $C_2 - C_7$ (Ch. 2)



you need two phases in equilibrium to define (label) phases as Vapor | Liquid.

Only one phase, you can use arbitrary definitions to label vapor-like and liquid-like.

μ

L

V