



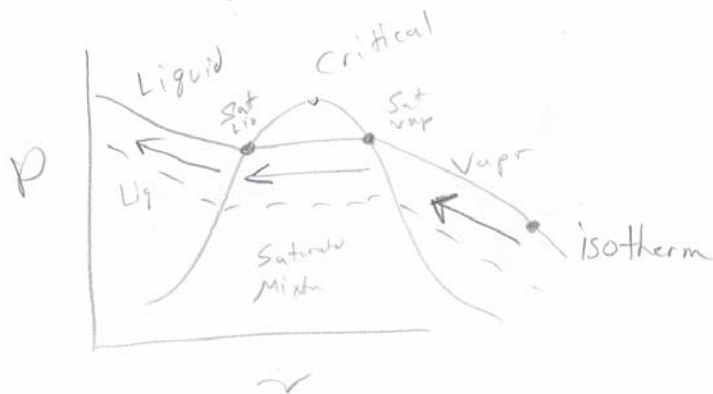
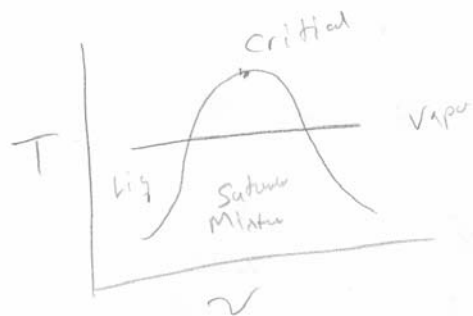
ΔV
 P

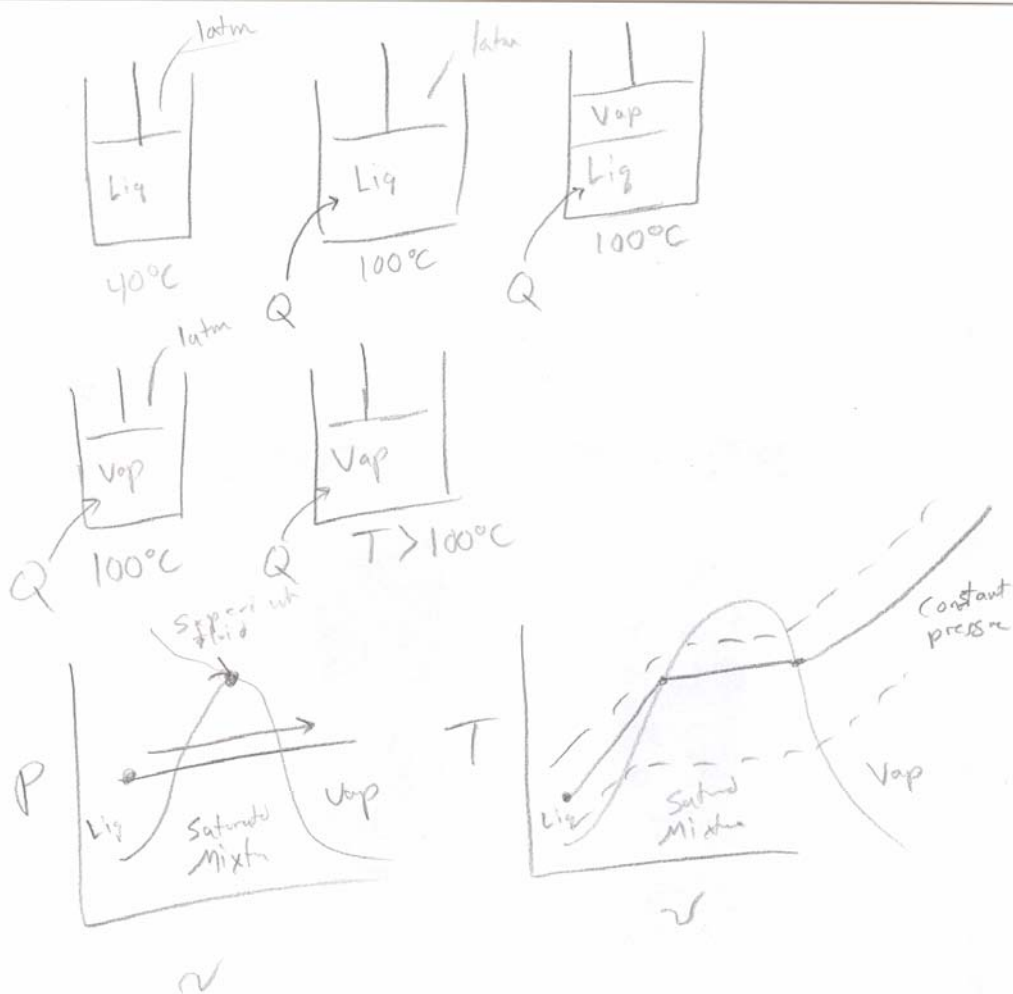
$$W = \int P dV$$

Work is done

$$\Delta U = Q - W$$

$$Q = W$$





$$\Delta U = Q - W$$

$$W = \int P dV$$