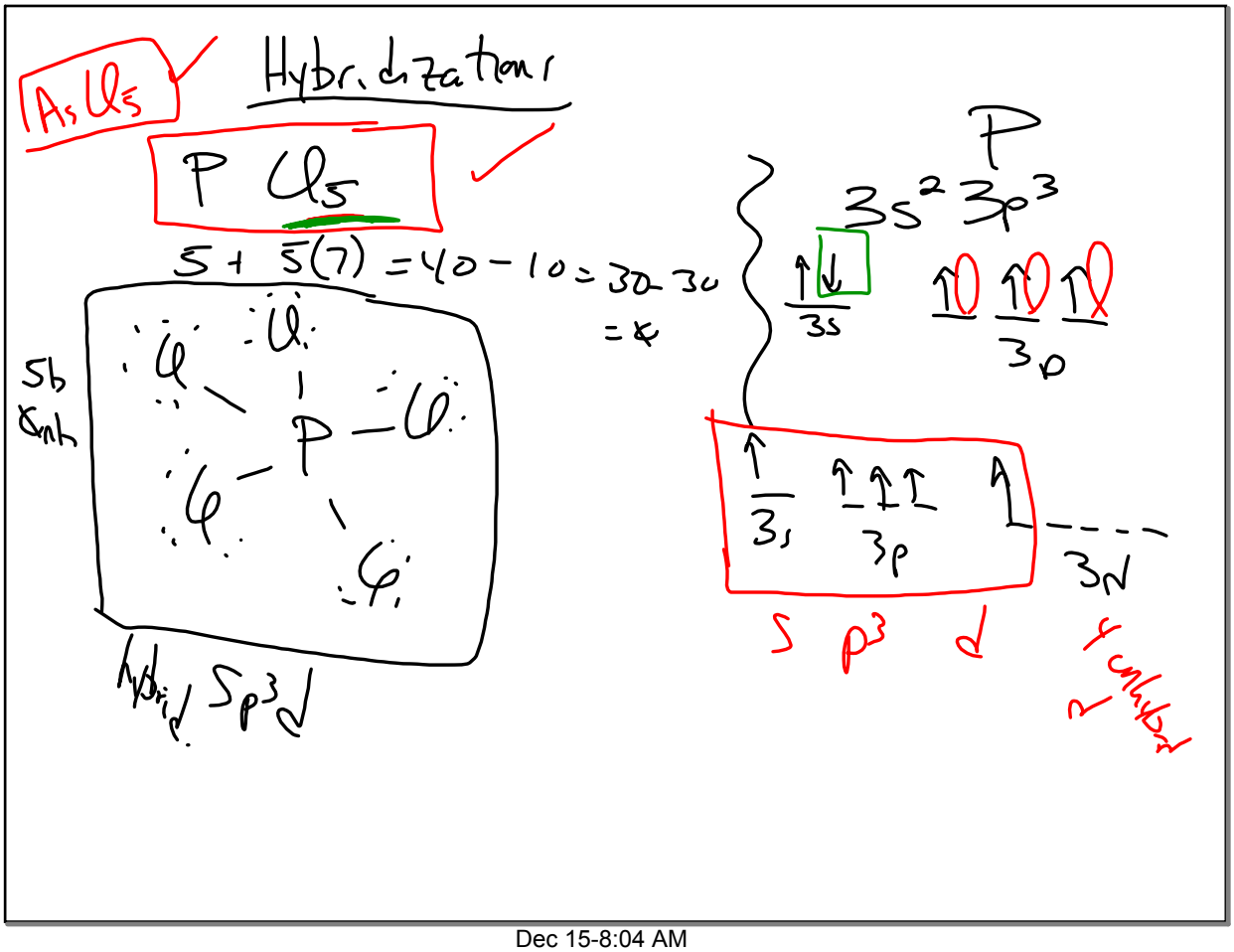
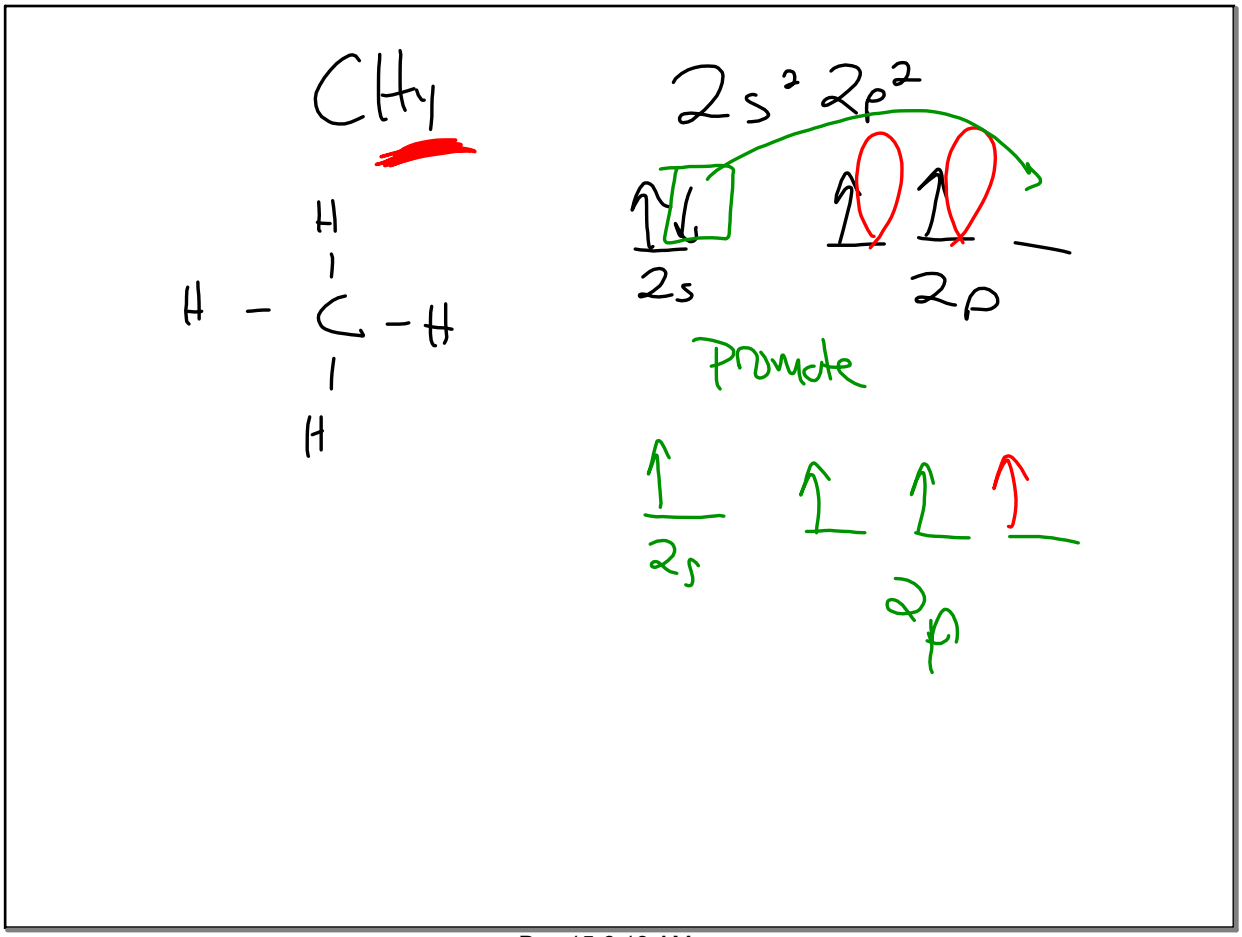


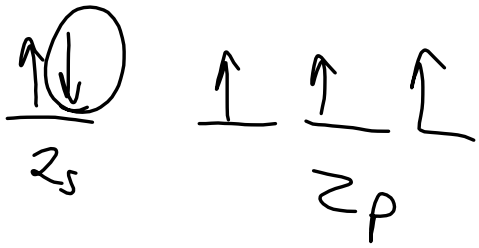
Dec 15-8:04 AM



Dec 15-8:13 AM

~~NCl_5~~

$2s^2\ 2p^3$



Per 2 S + P
sp, sp^2, sp^3

Wait until 3rd Period
sp^3d sp^3d^2

No d sublevel in the 2nd PE(

No $2d^4$

Dec 15-8:16 AM

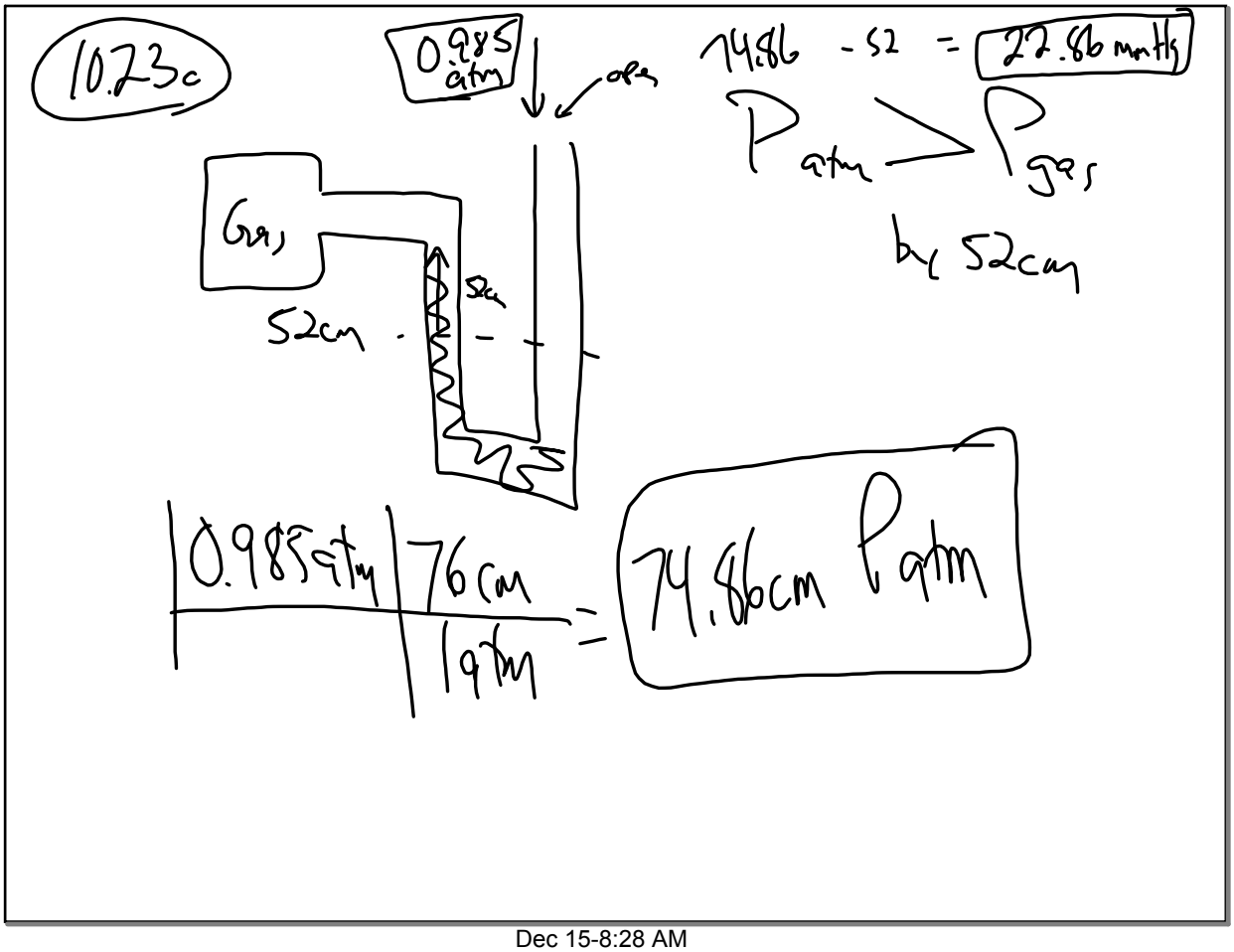
10/20b

$$\frac{785\ \text{torr}}{760\ \text{torr}} \left| \frac{101.35\ \text{kPa}}{} \right. =$$

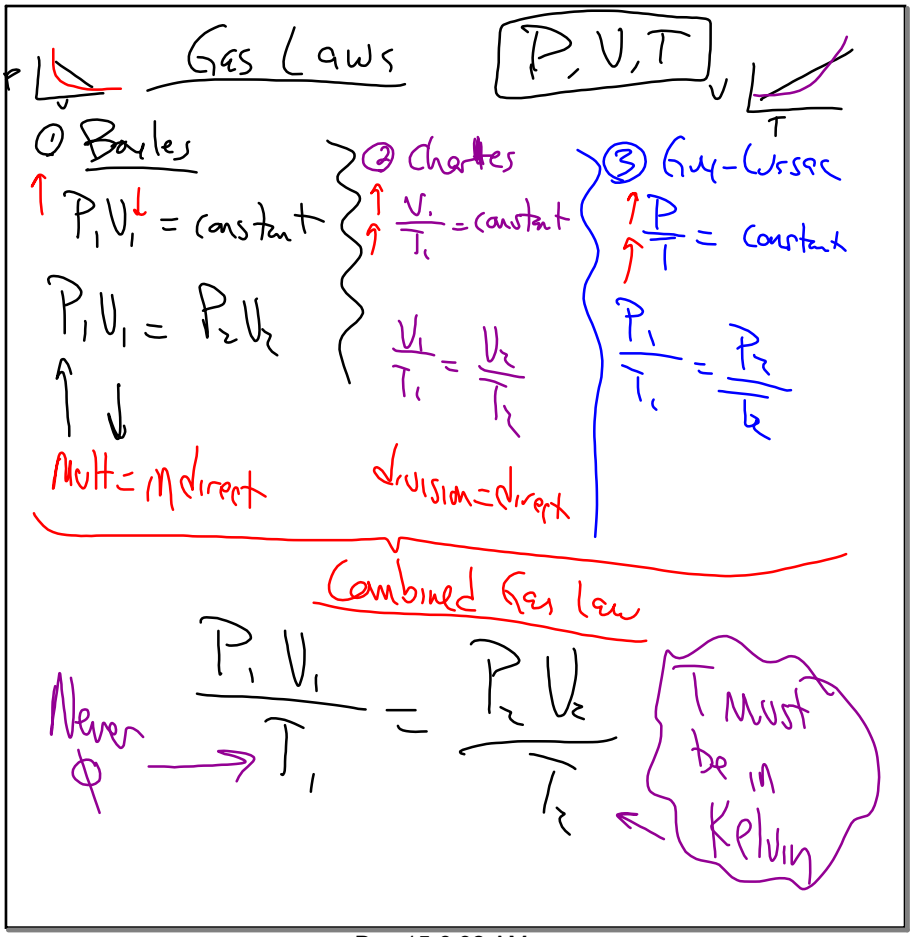
$1.323 \times 10^5\ \text{Pa} = 1.323 \times 10^2\ \text{kPa}$

$$\frac{1.323 \times 10^5\ \text{Pa}}{100\ \text{Pa}} \left| \frac{1\ \text{kPa}}{101.3\ \text{kPa}} \right| \frac{1\ \text{atm}}{} = 1.306\ \text{atm}$$

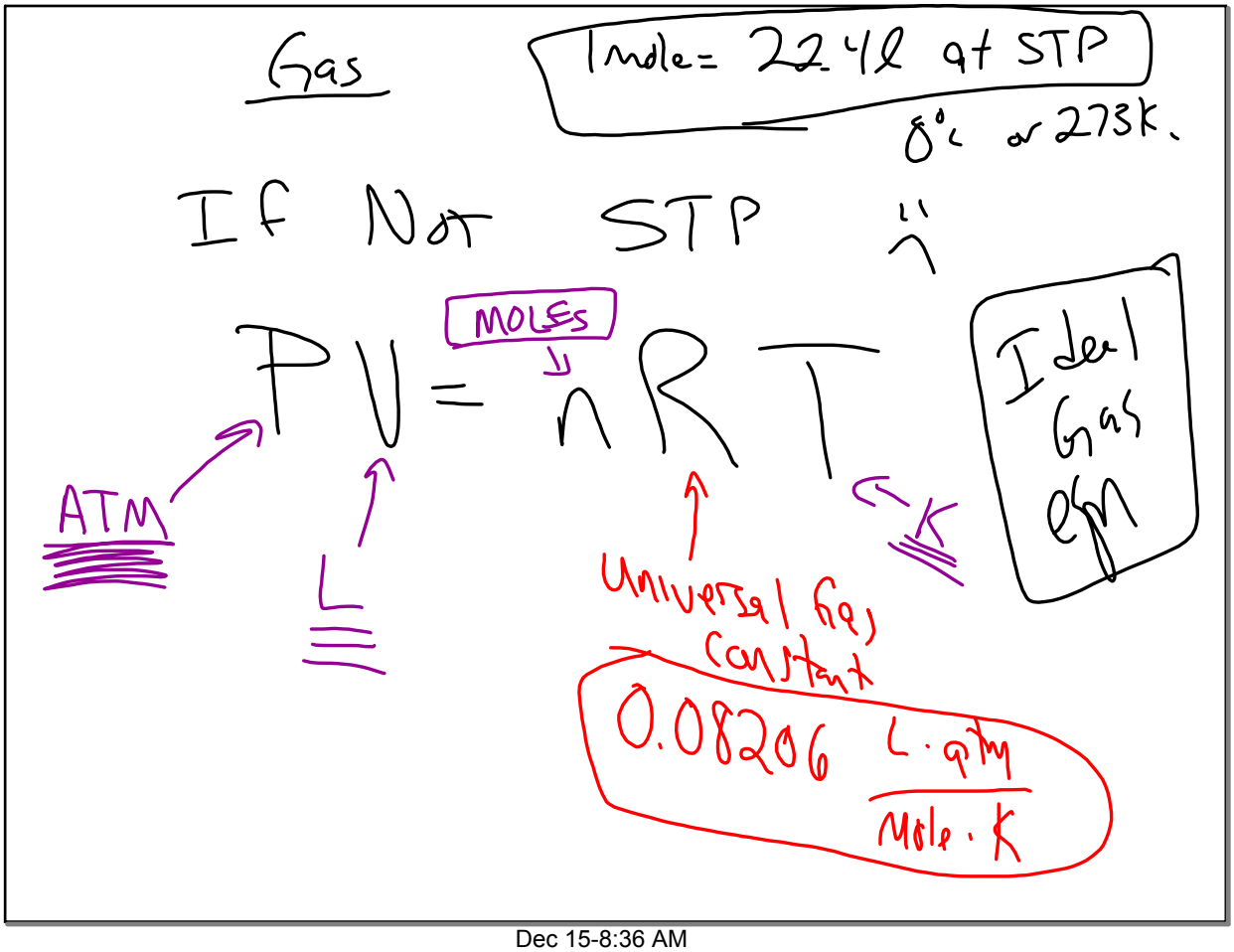
Dec 15-8:23 AM



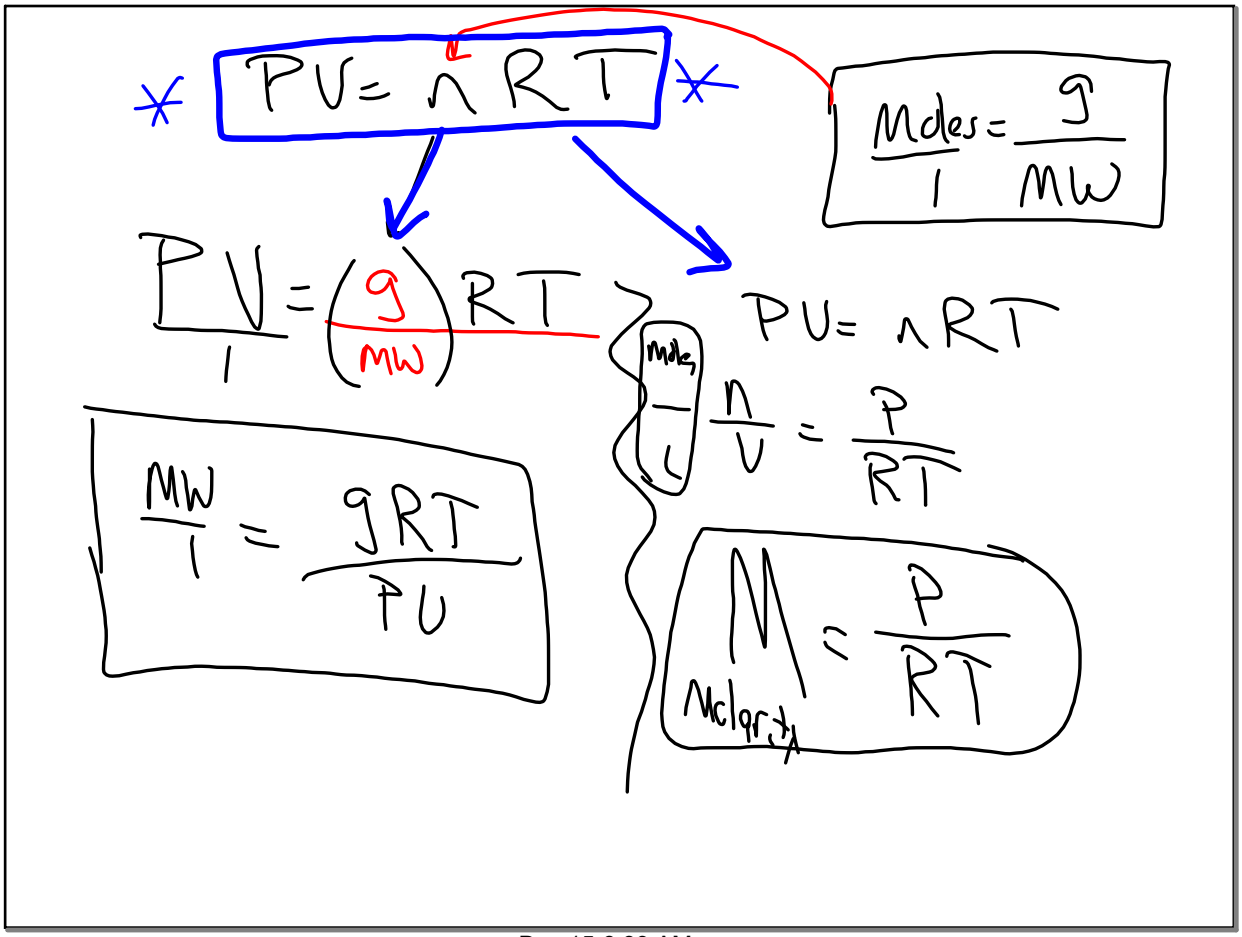
Dec 15-8:28 AM



Dec 15-8:32 AM



Dec 15-8:36 AM



Dec 15-8:39 AM

$$PV = nRT$$

$$\frac{PV}{1} = \frac{gRT}{MW}$$

density $= \frac{g}{V} = \frac{P(MW)}{RT}$

density $= \frac{\text{mass}}{\text{volume}} = \frac{g}{V}$

Dec 15-8:42 AM

10 / 40 + 50

Dec 15-8:44 AM