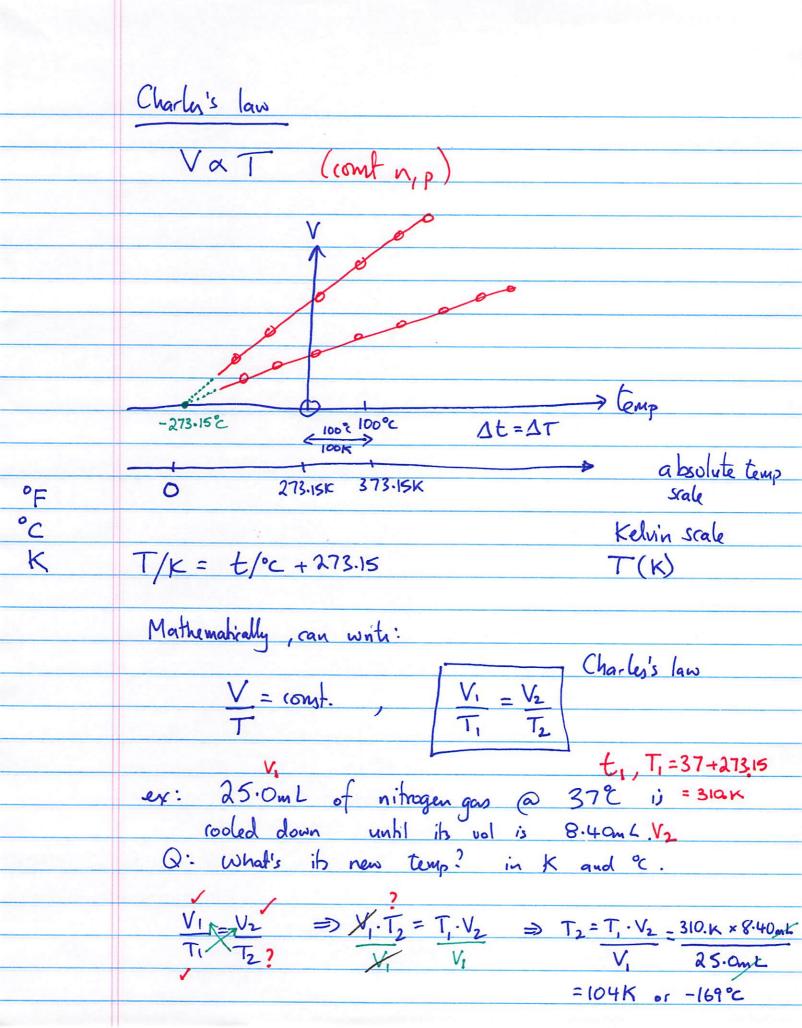
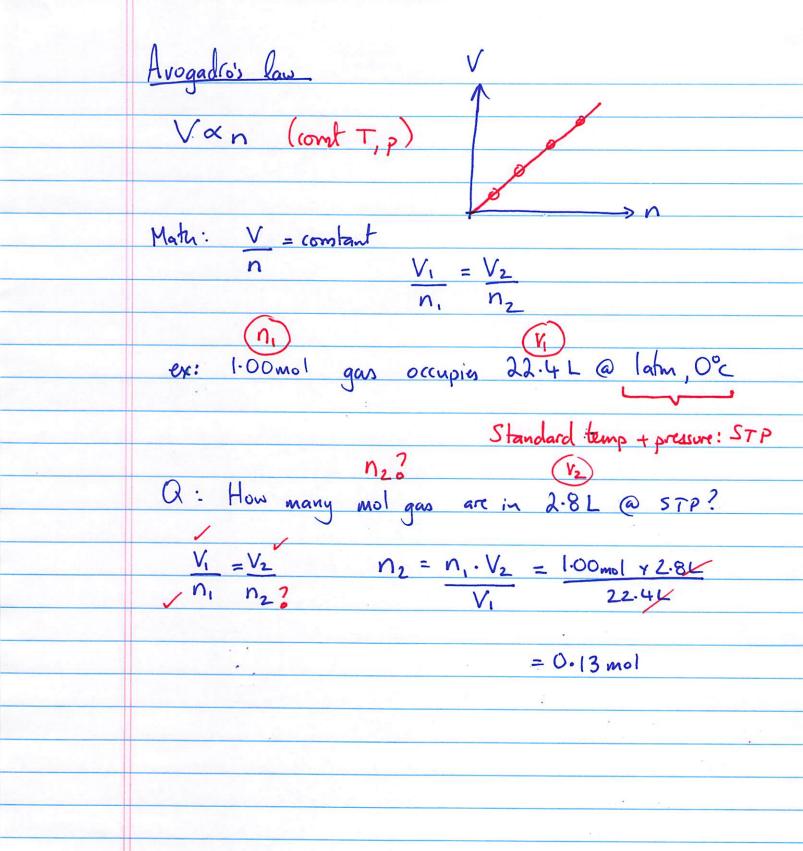
10/14/2019 Boyle's law p & W (comt T,n) pV = constant, or PV, = PV2 ex: balloon w/ vol. of 3.0 L @ 760mmHg + squeeze unhl vol. becomes 1.46. Vz Q: What's new p? (mmHg, ahm) $\frac{PV_1 = PV_2}{V_2}$ $P_{2} = P_{1}V_{1} = 760 \text{ mmHg} \times 3.0 \text{ V}$ $V_{2} = 1.4 \text{ V}$ = 1600 mm Hg in ahm? P2 = 1600 mm Hg x laha = 2.1 ahm. 760 mm Hg





= 152 alm