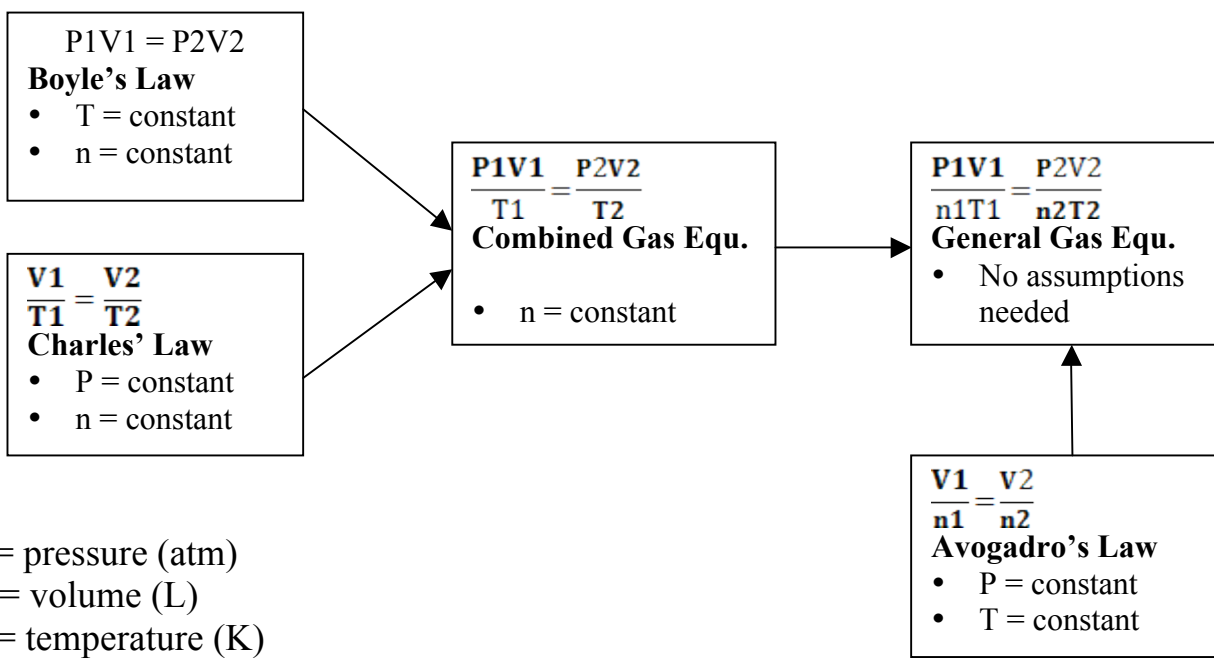


The Gas Laws



P = pressure (atm)
V = volume (L)
T = temperature (K)
n = number of moles

The Ideal Gas Equation:

$$PV = nRT$$

R = 0.08206 L•atm / mole•K at standard temperature and pressure (STP)

Standard temperature is 0°C = 273K

Standard pressure is 1 atmosphere (atm)