**Pressure Law**

* For a fixed mass of gas at a constant volume, the pressure is directly proportional to its absolute temperature
* p/T = constant
* p1/T1 = p2/T2
* Where:
  + p is pressure in \_\_\_\_\_\_
  + T is temperature in \_\_\_\_\_\_
* Volume Constant

**Boyle’s Law**

* For a fixed mass of gas at a constant temperature, the volume is inversely proportional to the pressure.
* pV = constant
* p1V1 = p2V2
* Where:
  + V is volume in \_\_\_\_\_\_
  + p is pressure in \_\_\_\_\_\_
* Temperature constant

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