AP Chemistry Notes

**Unit 1: Stoichiometry**

8/26/2022 Notes

* Density is the ratio of mass to volume
* Molarity is the ratio of moles of solute to liters of solution
* Molality is the ratio of moles of solute to mass of solvent
* Percent abundance is the ratio of number of atoms of a given isotope to the total number of atoms of all isotopes of that element, multiplied by 100
* Boyle's law states that the pressure of a gas is inversely proportional to the volume of the gas
* Charles’ law states that the pressure of a gas is directly proportional to the temperature of the gas
* Guy-Lussac’s law states that the volume of a gas is directly proportional to the temperature of the gas