

Pre-AP Chemistry/Chemistry/AP Chemistry
Unit #17—Gas Laws

1. Calculate the amount of moles present of 36.56 L of xenon gas at STP conditions.
2. Calculate the mass of 15.225 L of argon gas at STP conditions.
3. Calculate the volume of 0.869 moles of bromine liquid at STP conditions.
4. Calculate the volume of 156.798 grams of sulfur dioxide at STP conditions.
5. What volume of carbon dioxide gas is produced for the complete combustion of 26.0 L of propane gas at STP conditions?

