

**In Class Examples:**

**Molar Volume**

**Ex 8:** Determine the volume, in liters, of 0.600 mol of sulfur dioxide gas at STP.

**Ex 9:** Determine the number of moles in 33.6 L of He gas at STP.

**You do Prob 21a:** What is the volume at STP of  $3.20 \times 10^{-3}$  mol  $\text{CO}_2$ ?

**Prob 22a:** How many moles are in 67.2 L  $\text{SO}_2$  at STP?