

**General Chemistry**  
**Mr. MacGillivray**  
**Quiz #26:**  
**Gas Laws II**

Solve the following problems. Show all work.

1. What is the volume of 10.0 mol of chlorine gas at 215 K and 135 kPa?
2. What is the volume of 10.0 g of chlorine gas (it's diatomic!!) at 215 K and 135 kPa?
3. What is the density of chlorine gas at STP?