Directions: Make the following conversions. SHOW WORK (**Problems without work receive no credit**) AND INCLUDE UNITS.

1. Convert 25 L SO2 to molecules SO2.
2. What is the volume of 3.94 mol of Kr?
3. Convert 7.5 x 1024 molecules NO3 to L NO3.
4. Find the mol of 430 g V3(PO4)5.
5. Find the atoms for 25.0 g Ne.
6. How many moles would 8.94 x 1022 atoms Ca be?
7. What is the volume of 3.94 mol of Kr?
8. How many moles are in 77.0 L C3H6?
9. Find the L for 135 g SF6.
10. Find the mass of 600 L of Radon.
11. Find the mass of .340 mol BaCl2.
12. Find the formula units for 975 g Au(NO3)3.
13. How many formula units are in 5.15 mol AgCl?