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

1. Find grams for the following
   1. 4.23 mol AlPO4
   2. 5.46 mol As
   3. .095 mol Sr(OH)2
   4. 17 mol C6H12O6
2. Find mol for the following
   1. 50.2 g NO3
   2. 413 g CuSO4
   3. 8.6 g Ti
   4. 93 g Mn2(CO3)3
3. Perform the following conversions
   1. 25 L SO2 to mol SO2
   2. 3.40 mol H2S to L H2S
   3. 67 L N2O to mole N2O
   4. 7.5 mole NO3 to L NO3
   5. 453 L SF6 to mol SF6
   6. 0.644 mol C3H8 to L C3H8