Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Stoichiometry #3C

1. In the compound Sodium Hydroxide there is 10 grams of H; calculate the number of grams for all of the other elements.

Grams of Na

Grams of O

Total grams in the compound

1. In the compound Phosphorus Pentoxide (P2O5) there are 6 grams of Posphorus

How many moles of Oxygen are there?

How many grams of O are there?

How many grams of Phosphorus Pentoxide are there?

**PART IV**

For the following use 3 grams of Oxygen to calculate the number of moles of each element and the mass (the number of grams of each element).

1. Fe2O3
2. Mn(OH)2
3. BaH18O10
4. Al2O3
5. Fe(OH)3
6. Ca(OH)2
7. SO3