PERCENTAGE COMPOSITION

Name _____
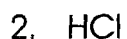
Determine the percentage composition of each of the compounds below.

1. $KMnO_4$

    K = _____

    Mn = _____

    O = _____

2. HCl

    H = _____

    Cl = _____

3. $Mg(NO_3)_2$

    Mg = _____

    N = _____

    O = _____

4. $(NH_4)_3PO_4$
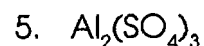
    N = _____

    H = _____

    P = _____

    O = _____

5. $Al_2(SO_4)_3$

    Al = _____

    S = _____

    O = _____

Solve the following problems.

6. How many grams of oxygen can be produced from the decomposition of 100. g of $KClO_3$? _____

7. How much iron can be recovered from 25.0 g of Fe_2O_3? _____

8. How much silver can be produced from 125 g of Ag_2S? _____