**The “We’re tired of stoichiometry” Stoich Sheet**

1) For the reaction:

\_\_\_\_ MgF2 + \_\_\_\_ NaNO3 → \_\_\_\_ Mg(NO3)2 + \_\_\_\_ NaF

How many grams of sodium fluoride will be formed if 40 grams of magnesium fluoride reacts with an excess of sodium nitrate?

2) For the reaction:

\_\_\_\_ CuSO4 + \_\_\_\_ Ga(OH)3 → \_\_\_\_ Cu(OH)2 + \_\_\_\_ Ga2(SO4)3

How many grams of gallium sulfate can be formed in a reaction in which 25 grams of copper (II) sulfate reacts with an excess of gallium hydroxide?