

Limiting Reagent Worksheet

For the following reactions, find the following:

- What of the reagents is the limiting reagent?
- What is the maximum amount of each product that can be formed?
- How much of the other reagent is left over after the reaction is complete?

1) Consider the following reaction:



Answer the questions above, assuming we started with 50 grams of ammonium nitrate and 50 grams of sodium phosphate.

2) Consider the following reaction:



Answer the questions at the top of this sheet, assuming we start with 100 grams of calcium carbonate and 50 grams of iron (II) phosphate.