Steps for Limiting Reactant Problems:

- 1. Write a balanced equation.
- 2. Complete separate dimensional analysis for <u>each reactant</u> starting with the grams given and ending at one of the products (grams).
- 3. The smallest answer is the amount of product produced. The reactant that made it is the limiting reactant.
- 4. To find excess reactant:
  - 1. Start with the starting amount of limiting reactant.
  - 2. Use dimensional analysis to determine the grams of <u>excess</u> <u>reactant used</u>.
  - 3. Subtract: starting grams of excess grams of excess used

