

Limiting Reactants and Percent Yield

Method 2:

Calculations Involving a Limiting Reactant

Steps for Solving Stoichiometry Problems Involving Limiting Reactants

- Step 1** Write and balance the equation for the reaction.
- Step 2** Convert known masses of reactants to moles.
- Step 3** Using the numbers of moles of reactants and the appropriate mole ratios, determine which reactant is limiting.
- Step 4** Using the amount of the limiting reactant and the appropriate mole ratios, compute the number of moles of the desired product.
- Step 5** Convert from moles of product to grams of product, using the molar mass (if this is required by the problem).

Limiting Reactants And Percent Yield Section 9 3 Notes

SJ Ball



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