

## Key Terms

**stoichiometry** - Calculation of the quantities of reactants and products in a chemical reaction.

**mole ratio** - Tells you the relative amounts of reactants and products in a chemical reaction.

**actual yield** - Mass of product obtained from a chemical reaction.

**theoretical yield** - Amount of product stoichiometrically predicted to be present when a limiting reactant is used up.

**percent yield** - Actual yield of a chemical reaction, expressed as a percentage of the theoretical yield.

**limiting reactant** - The reactant that is used up completely in a reaction, limiting further chemical change.

**excess reactant** - The reactant that is left over in a chemical reaction.