Stoichiometry and Chemical Equations Study Guide

Topics:

* Moving Between:
  + Mass of Elements
  + % Composition
  + Empirical Formulas
  + Molecular Formulas
* Balancing Equations
* Naming Types of Chemical Reactions
  + Synthesis, Decomposition, Combustion, Single Displacement, Double Displacement
* Stoichiometry
  + Convert Between:
    - Moles
    - Grams (Mass)
    - L or mL (Volume)
  + Limiting Reagents (and Excess Reagents)
  + Percent Yield

Pages from the Book:

Pg 253, #49-57

Pg 293, #26-31, 45-48, 53

Pg 329, #21-28, 31-39, 47-49, 51

How I would use the above questions:

1. Look at how the questions are grouped into types of questions.
2. Try one of the problems from a section
3. Check your answer (the answers to the odds are in the back of the book)
4. If you got it right, go on to the next one. If you got it wrong or didn’t know how to do it, look back over your notes and try others from that section.

You do not need to do every single problem unless you have forgotten everything that has happened in chemistry in the past month…