

BASIC CONCEPTS OF CHEMISTRY

Chapter 6

Chemical Reactions

Objectives:

- * Write balanced chemical equations for simple reactions from inspection
- * Classify certain chemical reactions as being combustion, combination, or decomposition reactions
- * Write the ions formed when ionic compounds or acids dissolve in water
- * Given the activity series, complete several single-replacement reactions as balanced molecular, total ionic, and net ionic equations
- * Write balanced molecular, total ionic, and net ionic equations for precipitation reactions
- * Write balanced molecular, total ionic, and net ionic equations for neutralization reactions