

WORLD OF CHEMISTRY

Chapter 8

REACTIONS IN AQUEOUS SOLUTIONS

Objectives:

- * To learn about some of the factors that cause a chemical reaction to occur
- * To learn to identify the solid that forms in a precipitation reaction
- * To learn how to describe reactions in solutions by writing molecular, complete ionic, and net ionic equations
- * To learn the key characteristics of the reactions between strong acids and strong bases
- * To learn the general characteristics of the reaction between a metal and a non-metal
- * To understand electron transfer as a driving mechanism for a chemical reaction
- * To learn various classification schemes for reactions
- * To consider alternative classifications for chemical reactions