

Section 6.1

Types of Chemical Reactions

Before You Read



1. Words to Know

Directions: Match the correct definition to the term on the left.
Scan pages 256 – 267 to find the definitions.

Words to Know	Definition
___ combustion	A. a reactive element (a metal or a non-metal) and a compound react to produce another element and another compound
___ decomposition	B. two or more reactants combine to produce a single product
___ double replacement	C. the name for the type of chemical reaction that occurs when an acid and a base react to form a salt and water
___ neutralization (acid-base)	D. a reaction of a compound or element with oxygen to form an oxide
___ precipitate	E. the breaking down of a compound into smaller compounds, or sometimes all the way to the separate elements
___ single replacement	F. an insoluble solid that forms from a solution
___ synthesis	G. a reaction usually involves two ionic solutions that react to produce two new ionic compounds

2. Predicting the Main Ideas of Section 6.1

Directions: Scan pages 256 – 267 looking at the pictures and titles within this section. Predict six things you think you will learn in this section.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

