Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chemical Formulas and Chemical Reactions!**

**PART 1:** Read pgs. 309 – 311 and answer the following questions:

1. What is the difference between an empirical formula and a molecular formula?

2. Give two examples of molecular formulas, and two examples of empirical formulas.

**PART 2:** Read pgs. 321 – 323 and answer the following questions:

1. What happens in a chemical reaction?

2. What is the different between reactants and products?

3. Explain how to write a reaction equation, then give an example.

4. What is a skeleton equation?

5. What is a catalyst?

6. There are many symbols we use to show what happens in chemical reactions. Using table 11.1, list at least FIVE symbols that are used to show different things in chemical reactions, and explain what each symbol means.