

## Section 1 • Chemical Changes

## Section 2 • Chemical Equations

amounts	atoms	chemical reaction	coefficients	equation
forms	substance		products	reactants

A 1. \_\_\_\_\_ is a change in which one or more substances are converted into new substances. A chemical 2. \_\_\_\_\_ is a way to describe a chemical reaction using chemical formulas and other symbols. In a chemical equation, the substances on the left side of the arrow that react are the starting substances called 3. \_\_\_\_\_. The substances on the right side of the arrow are the substances produced from the reaction, called 4. \_\_\_\_\_. The arrow means *produces*, or 5. \_\_\_\_\_.

In a chemical equation, the numbers to the left of the formulas for reactants and products are called 6. \_\_\_\_\_. They represent the number of units of each 7. \_\_\_\_\_ taking part in a chemical reaction. Knowing the number of units helps chemists to add the correct 8. \_\_\_\_\_ of reactants to a reaction.

A balanced chemical equation has the same number of 9. \_\_\_\_\_ of each element on both sides of the equation.