

I. Fill in the blanks with the most appropriate term:

A _____ tells the story of a chemical reaction. _____ are the starting substances in the reaction while _____ are the new substances that are formed. The large numbers in front of some of the formulas are called _____. These numbers are used to _____ the equation because chemical reactions must obey the Law of _____ of Matter. The number of atoms of each element on both sides of the equation must be _____ because matter cannot be _____ or _____. When balancing equations, the only numbers that can be changed are _____; remember that _____ must never be changed in order to balance an equation.

II. Balance the following equations:

