

Tips to Balance Chemical Equations

If you also get perplexed in balancing chemical equations, follow the tips for correct balancing chemical equations worksheet answers.

- **Tip # 1:** When you are trying to balance the chemical equations, you should remember that you can only change the value of coefficient in front of the element or compound, and not the subscript.
- **Tip # 2:** You should remember that polyatomic ions should be balanced as a whole. For instance, SO_4 should be balanced as a whole instead of Oxygen and Sulfur separately.
- **Tip # 3:** You should remember to balance that number first that has the greatest number of atoms in any product or reactant. Ensure that these elements are other than oxygen and hydrogen. **Do Oxygen and Hydrogen Last**
- **Tip # 4:** You should count the number of atoms of each element on both sides and see whether or not the equation is balanced.
- **Tip # 5:** When you successfully balance the equation, ensure to check the coefficient. It should be in their lowest term.