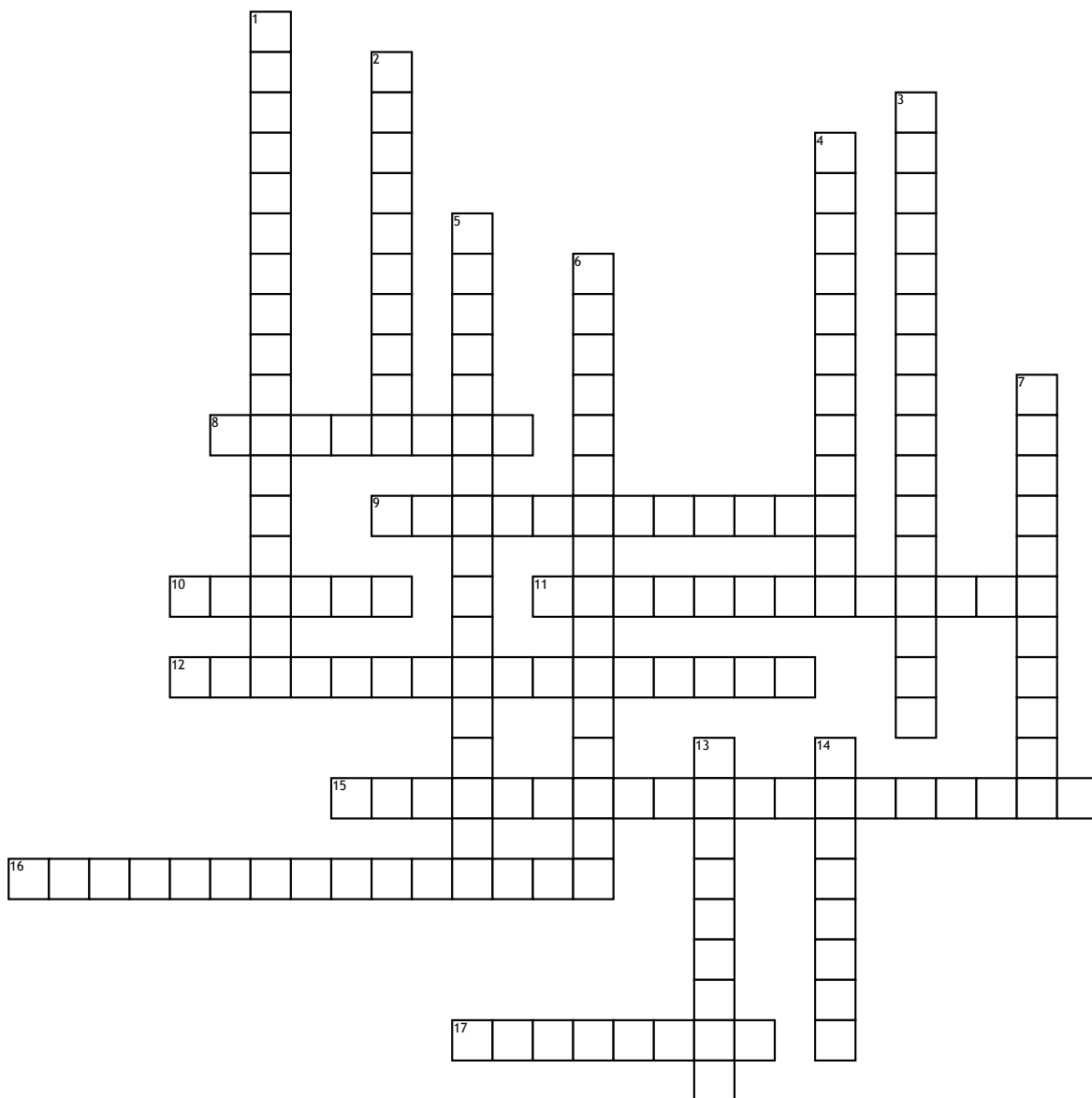


# Chemistry vocab



## Across

8. an equation for a chemical reaction in which the number of atoms for each element in the reaction and the total charge are the same for both the reactants and the products
9. an ion that exists as a reactant and a product in a chemical equation.
10. is the amount of product obtained in a chemical reaction.
11. the separation of a single chemical compound into its two or more elemental parts or to simpler compounds.
12. a chemical equation for a reaction which lists only those species participating in the reaction
15. is a reaction where the reactants form products, which react together to give the reactants back.

16. A solution which water is the solvent

17. is a substance that is formed as the result of a chemical reaction

## Down

1. is a chemical process involving the exchange of bonds between two reacting chemical species which results in the creation of products with similar or identical bonding affiliations.
2. A high-temperature exothermic redox chemical reaction between a fuel and an oxidant, usually atmospheric oxygen, that produces oxidized, often gaseous products, in a mixture termed as smoke.
3. is just a way of using the formulas to indicate the chemicals that were involved in the chemical reaction.

4. a constant term related to the properties of a product

5. is a reaction by which one (or more) element(s) replaces an/other element(s) in a compound.

6. A statement containing chemical symbols, used to show the changes that happen during a particular chemical reaction

7. A reaction where two or more elements or compounds (reactants) combine to form a single compound (product).

13. are written on the left side, in a similar manner to a math equation; one reactant plus another.

14. a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.