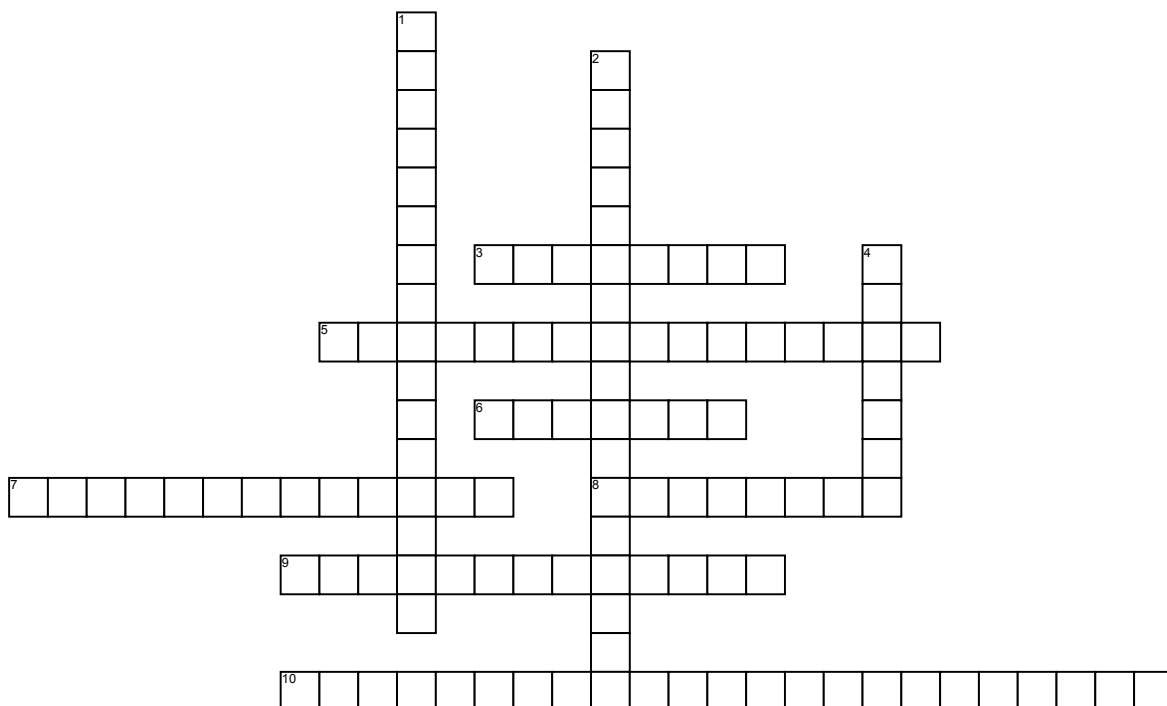


# Chemical Reactions



## Across

- 3.** A substance that interacts with another substance in a chemical reaction, resulting in the formation of a product
- 5.** A representation of a chemical reaction in which the chemical symbols on the left stand for the reactants, and those on the right for the products
- 6.** A substance dissolved in water
- 7.** The study of the relationships among the amounts of reactants and products in a chemical reaction
- 8.** A substance that speeds up a chemical reaction without participating in it either as a reactant or product

- 9.** Decomposition reactions have just one reactant which breaks up to form two or more simpler products
- 10.** The law that states there is no change in total mass during a chemical change

## Down

- 1.** A chemical equation in which the numbers of atoms in the reactants and those in the product are equal
- 2.** another name for Chemical Change
- 4.** The substance or substances that result from a chemical reaction