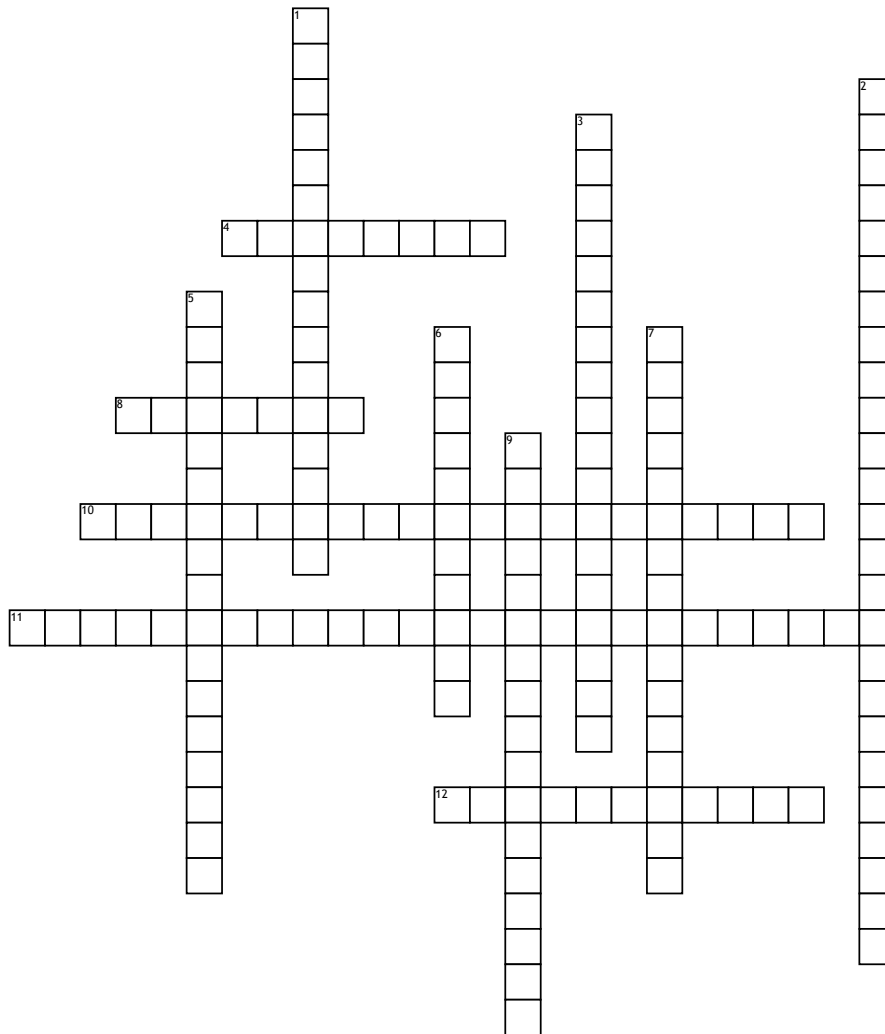


chemical reaction



Across

4. what are the starting substance called?

8. are the substance formed during the reaction

10. is one in which a single compound breaks down into two or more elements or new compound

11. the final type of replacement reaction, which involves an exchange of ions between two compounds

12. a solid produced during a chemical reaction in a solution

Down

1. what is it call when the process which the atoms of one or more substance are rearranged to form different substance?

2. a reaction in which the atoms of one element replace the atoms of another element in a compound

3. oxygen combines with a substance and releases energy in form of heat and light

5. represents chemical reactions include sufficient information to show that the reaction obeys the law of conservation of mass

6. is the number written in front of a reactant and product

7. is a statement that uses chemical formula to show the identities and relative amounts of the substances involved in a chemical reaction

9. a chemical reaction in two or more substance a and b react to produce a single product

Word Bank

Law of conservation

combustion reaction

Product

Reactant

chemical reaction

coefficient

Single-replacement reaction

Precipitate

Double-replacement reaction

Decomposition reaction

synthesis reaction

chemical equation