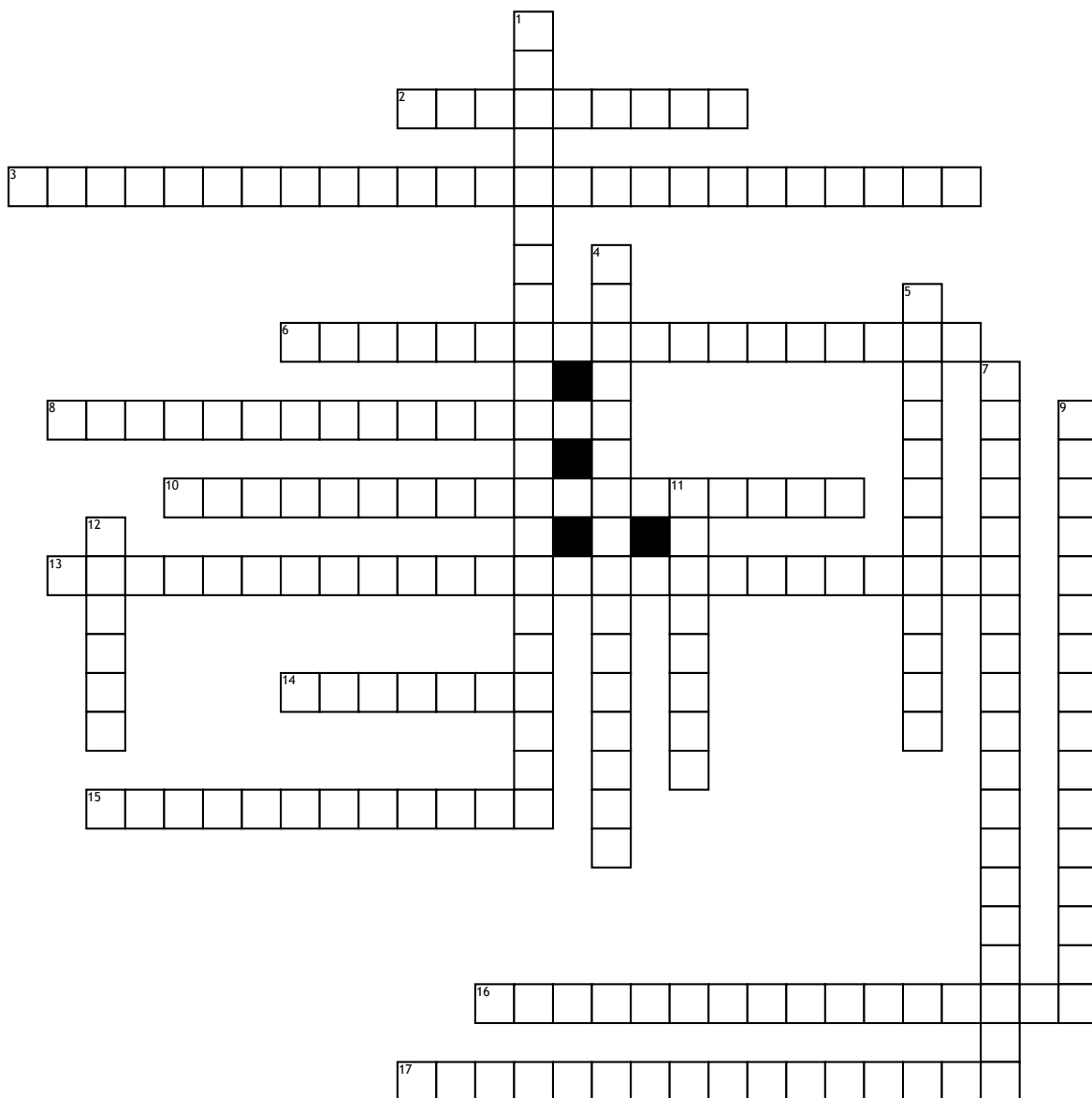


Chemical Reactions



Across

2. A substance that enters and is altered during a chemical reaction
 3. A reaction where two reactant ionic compounds exchange ions to form new compounds with the same ions
 6. A reaction where the reactants form products that can turn back into the products
 8. Solution where the solvent is water
 10. A reaction where a compound and an oxidant is reacted to produce heat and a new product
 13. A reaction where one element is substituted for another in a compound

14. Substance formed as a result of a chemical reaction

15. An ion that remains in the same form on both the reactant and product sides of a chemical reaction

16. A symbolic representation of a chemical reaction

17. An equation that identifies the reactants and products in a chemical reaction by their chemical formula but not their quantity

Down

1. Separation of a substance into two or more that may differ from each other and from the original reactanting substance

4. An equation where the number of atoms/molecules is equal on both sides

5. A number telling how many molecules are present in a given formula

7. A reaction where two reactants are combined into one product

9. A chemical equation for a reaction that lists only those atoms participating in the reaction

11. A substance that speeds up a chemical reaction without undergoing permanent chemical change

12. The amount of product obtained in a chemical reaction