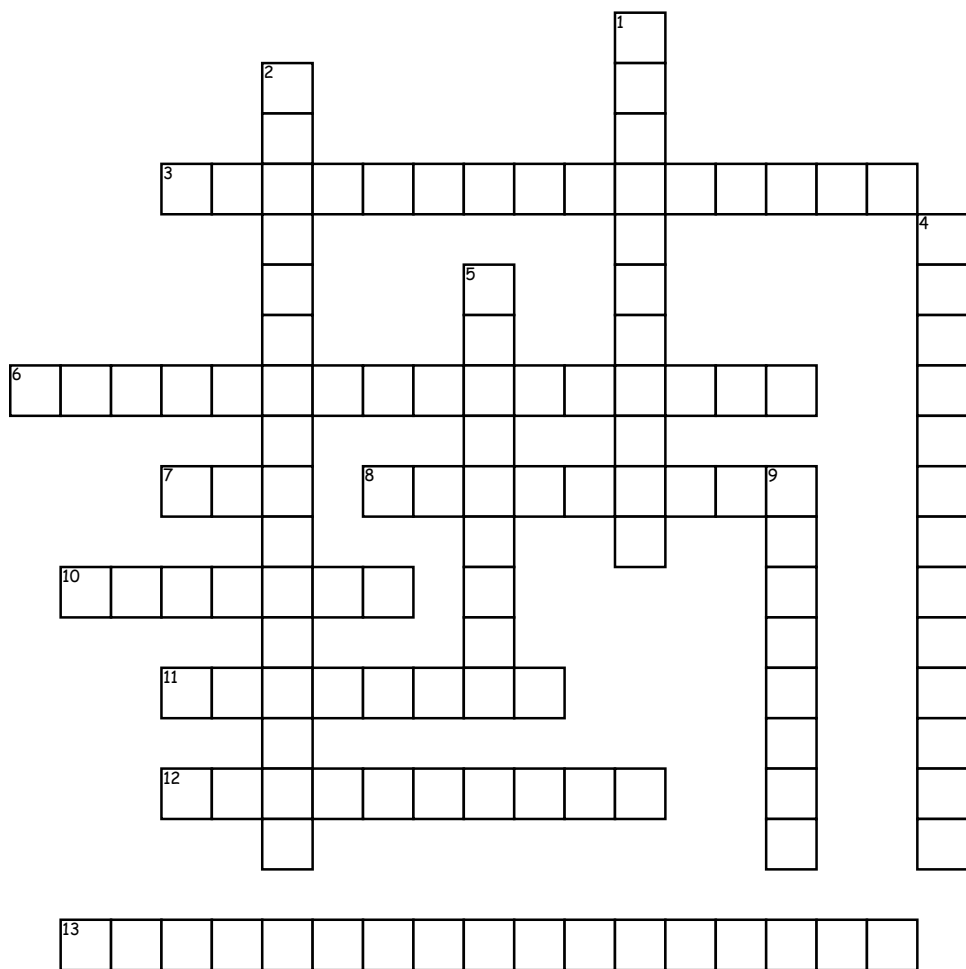


Chemical Reactions



Across

3. A combination of chemical symbols and numbers to represent a substance

6. The minimum amount of energy required to start a chemical reaction

7. The law that states that energy cannot be created or destroyed but can be change another

8. A substance that slows down or stops a chemical reaction

10. The substance that forms in a chemical reaction

11. A substance that changes the rate of a chemical reaction without being used up or changed very much

12. A chemical reaction in which heat is released to the surroundings

13. 1 element replaces another element in a compound

Down

1. A chemical reaction that requires heat

2. A representation of a chemical reaction that uses symbols to show the relationship between the reactants and the products

4. A compound decomposes into 2 or more simpler substances

5. 2 or more substances combine to form a new compound

9. A substance or molecule that participates in a chemical reaction