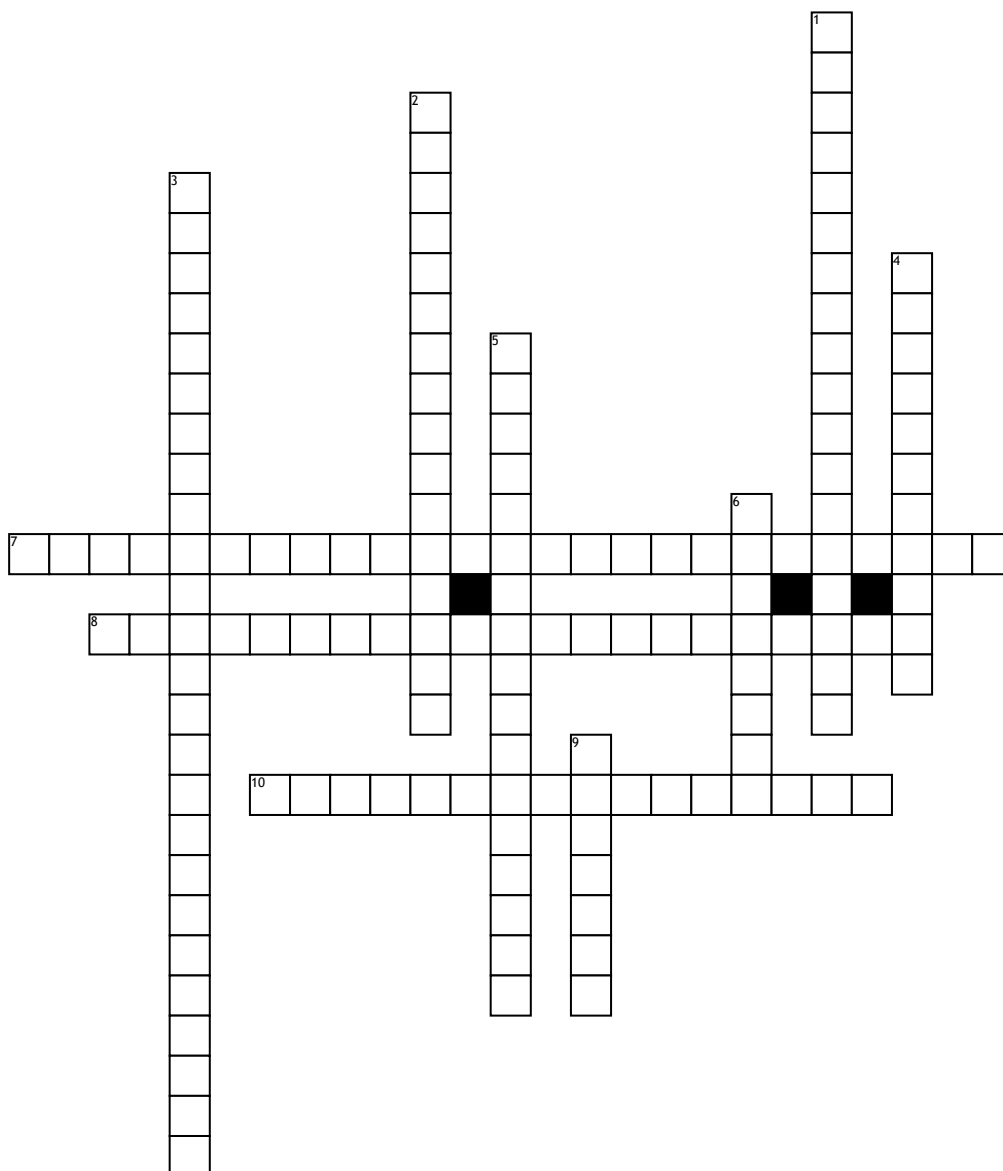


Name: _____

Date: _____

Vocabulary



Across

7. A chemical reaction that occurs when the atoms of one element replace the atoms of another element in a compound

8. A chemical reaction that occurs when a single compound breaks down into two or more elements or new compounds

10. The process by which the atoms of one or more substances are rearranged to form different substances. Occurrences can be indicated by changes in temperature, color, odor, and physical state.

Down

1. A chemical reaction that occurs when a substance reacts with oxygen, releasing energy in the form of heat and light.

2. A statement using chemical formulas to describe the identities and relative amounts of the reactants and products involved in the chemical reaction.

3. A chemical reaction that involves the exchange of ions between two compounds and produces either a precipitate, a gas, or water.

4. In a chemical equation, the number written in front of a reactant or product in a balanced equation describes the lowest whole number ratio of the amounts of all reactants and products.

5. A chemical reaction in which two or more substances react to yield a single product.

6. The starting substance in a chemical reaction.

9. A substance formed during a chemical reaction.