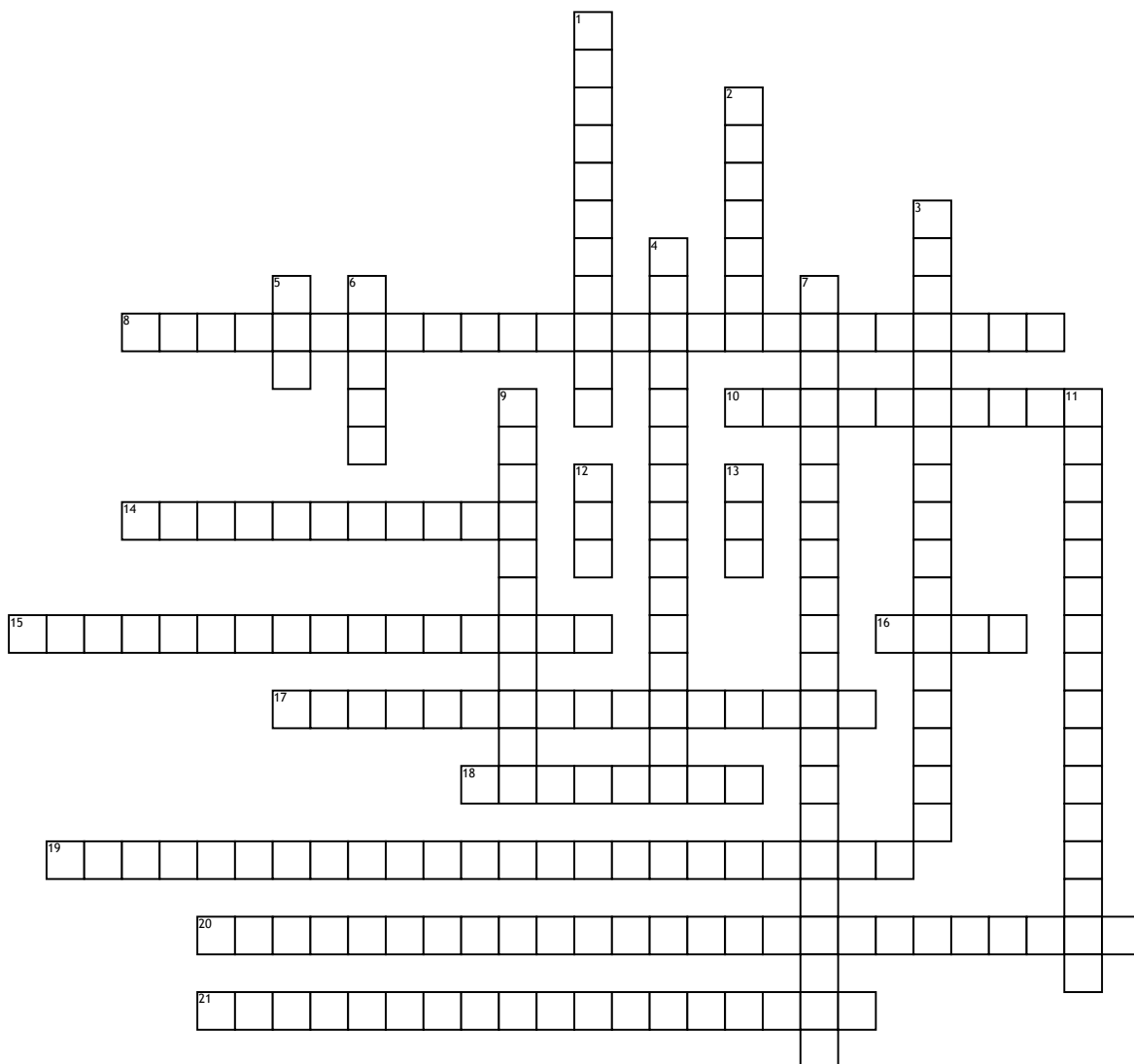


Name: _____ Date: _____ Period: _____

Chemical Reactions Vocab Crossword Puzzle



Across

8. occurs when parts of two ionic compounds are exchanged, making two new compounds
 10. energy is released
 14. energy is absorbed
 15. all atoms present in the reactants accounted for among the products
 16. water solutions or aqueous
 17. representation of a chemical reaction showing the relative numbers of reactant and product molecules
 18. substance that undergoes a reaction

19. states that mass in an isolated system is neither created nor destroyed by chemical reactions or physical transformations
 20. a chemical reaction in which one element is substituted for another element in a compound, generating a new element and a new compound as products
 21. produce energy so rapidly that a flame results

Down

1. integers are called the _ for the balanced equation
 2. when reactants undergo a chemical change, each new substance formed is a _

3. when a given compound is formed from simpler materials
 4. types of atoms and the number of each type in each unit of a given compound
 5. liquid
 6. "react to produce" or "yields"
 7. compound can be broken down into simpler compounds or all the way to the component elements
 9. solid formed from precipitation
 11. one or more substances are changed into one or more new substances
 12. solid
 13. gas