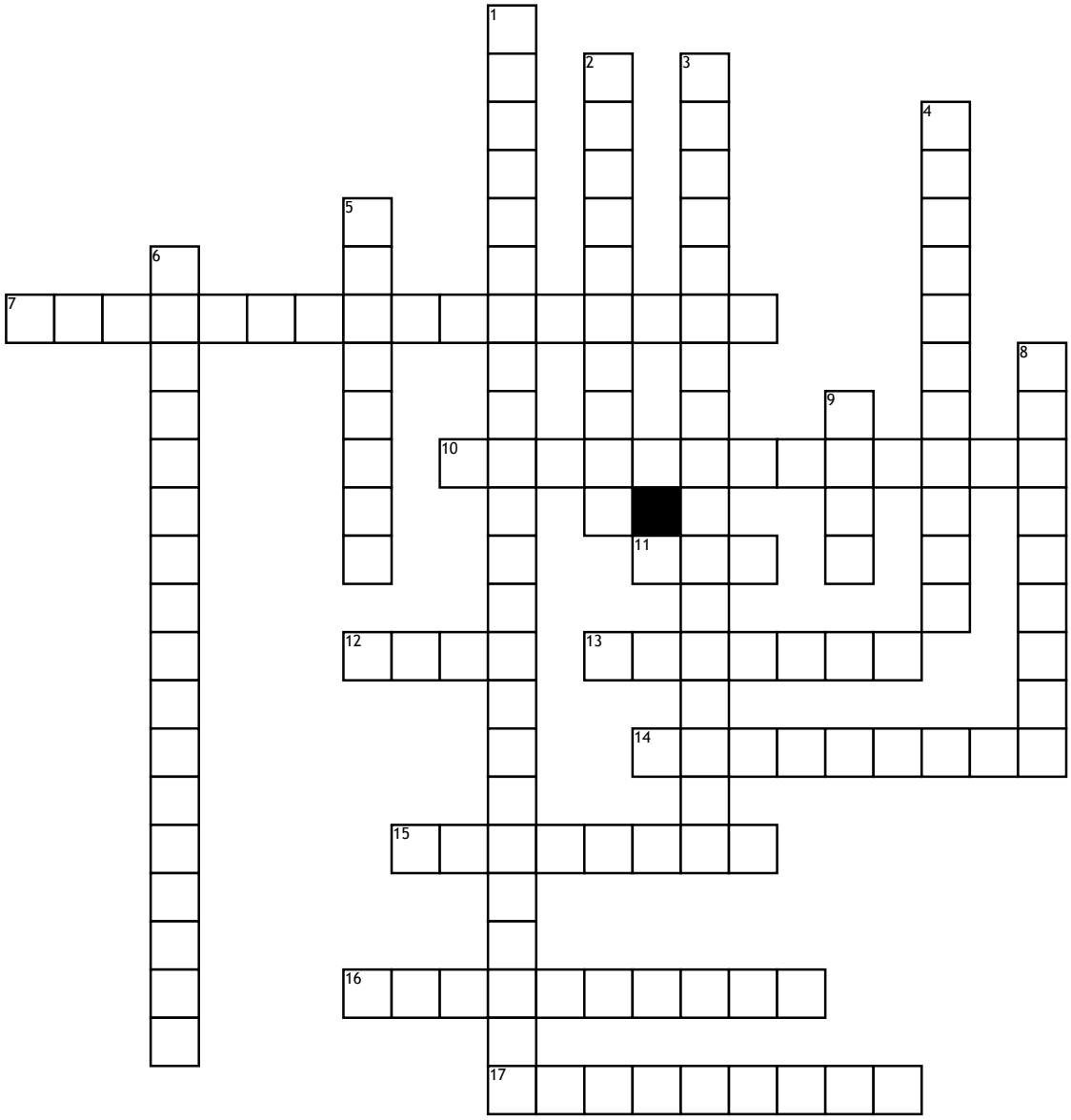
Name: _____

Chemical Reactions



Across

7. This person proposed the Law of Conservation of Mass

10. AB makes A+B is the generic equation for this type of reaction

11. A _____ could be produced to indicate a chemical reaction has occurred.

12. This is what is formed when the iron in your car reacts with the oxygen in the air.

13. Matter is neither _____ or destroyed during a reaction.

14. These can be found on the left hand side of the arrow in a reaction.

15. These can be found on the right hand side of the arrow in a reaction.

16. Before adding any coefficients, a chemical reaction is _____.

17. This is the small number that goes after an element.

Down

1. This states that the same amount of matter is contained in the reactants and the products

2. Fuel +oxygen makes carbon dioxide and water is the generic equation for this type of reaction

3. AB+C makes AC+B is the generic equation for this type of reaction

4. This number goes in front of the compound.

5. We can change the coefficients in a chemical reaction to make it ____.

6. AB+CD makes AC+BD is the generic equation for this type of reaction

8. A + B makes AB is the generic equation for this type of reaction

9. There are ___ hydrogens in this compound: 5HCl.