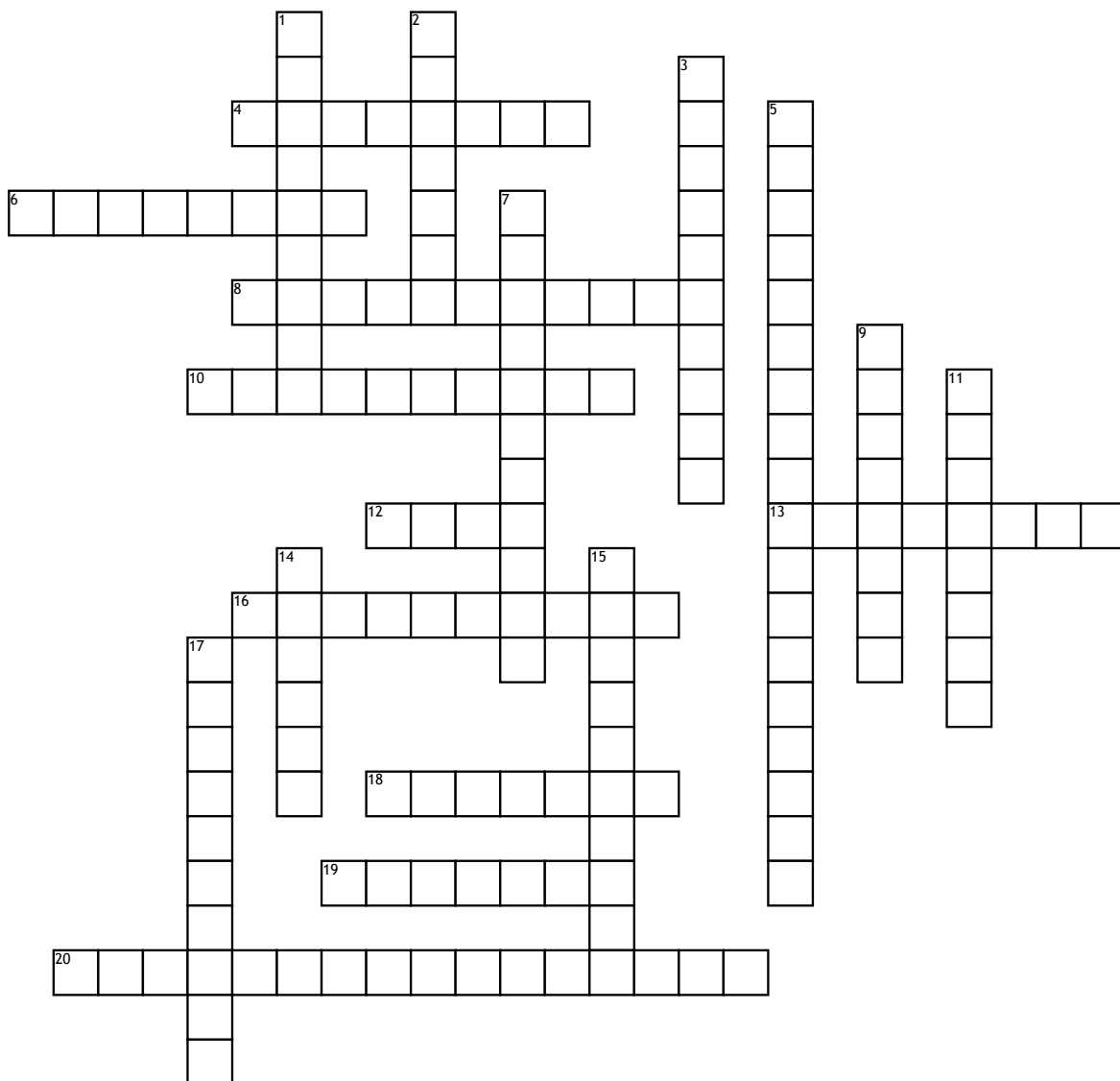


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# chemical reaction



## Across

4. 1.a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

6. are the species formed from chemical reactions

8. accompanied by or requiring the absorption of heat. The opposite of exothermic.

10. 3.a mixture in which particles are dispersed throughout the bulk of a fluid

12. any chemical compound formed from the reaction of an acid with a base, with all or part of the hydrogen of the acid replaced by a metal or other cation.

13. is a measure of energy in a thermodynamic system.

16. chemical reaction between a fuel and an oxidant

18. an inorganic acid whose molecules contain oxygen, such as sulfuric or nitric acid

19. able to be dissolved, especially in water

20. a process that leads to the transformation of one set of chemical substances to another

## Down

1. a substance that takes part in and undergoes change during a reaction

2. able to dissolve other substances:

3. not forming a homogeneous mixture when added together

5. is a chemical reaction that results in an equilibrium mixture of reactants and products.

7. cause to be deposited in solid form from a solution

9. 2.a liquid mixture in which the minor component (the solute) is uniformly distributed within the major component (the solvent)

11. amount concentration or substance concentration

14. able to be dissolved, especially in water

15. a coefficient is a multiplicative factor in some term of a polynomial, a series or any expression; it is usually a number, but in any case does not involve any variable of the expression.

17. accompanied by the release of heat. The opposite of endothermic.