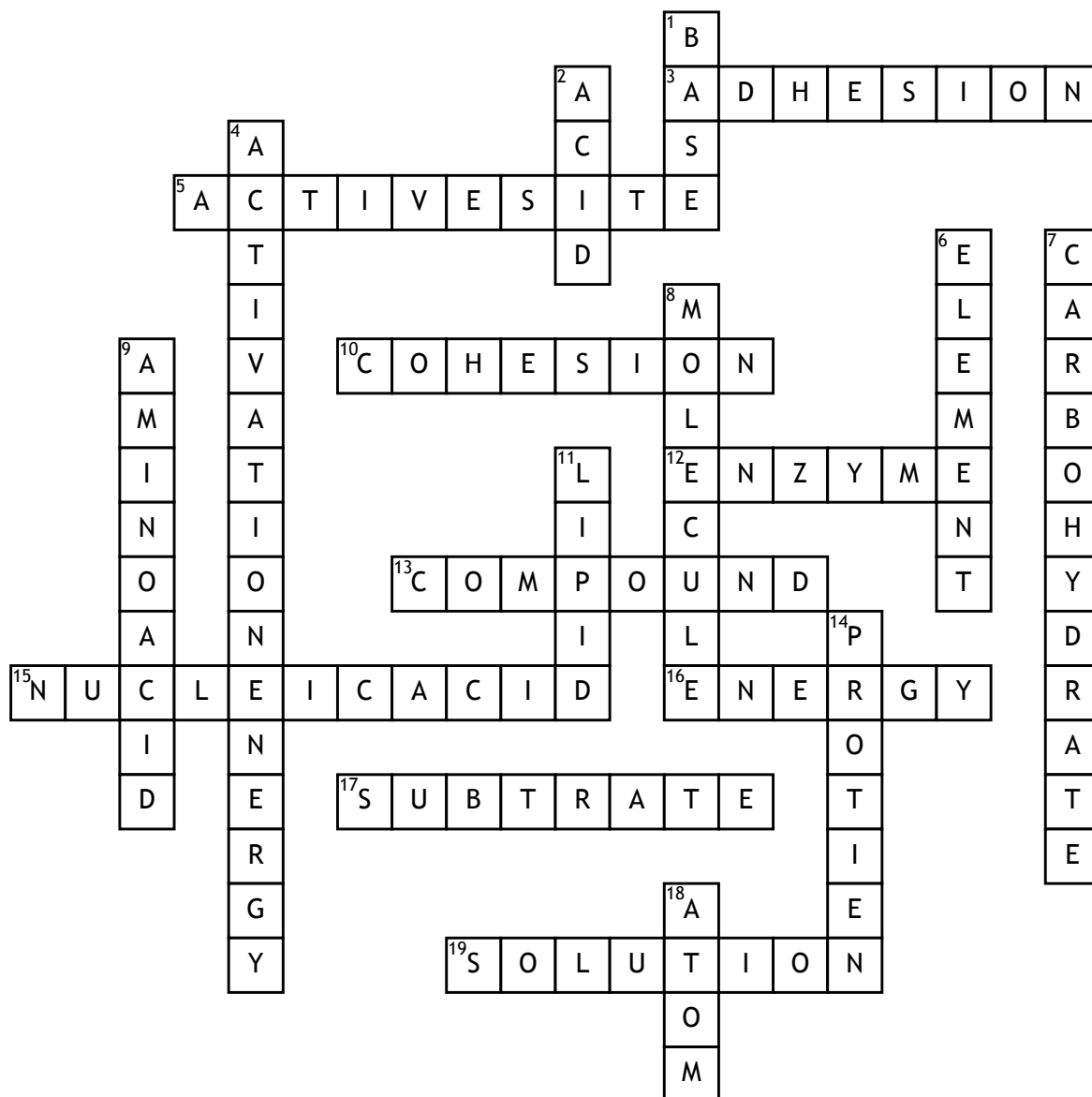


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Chemistry of life



## Across

3. An attraction between different substances

5. a region on an enzyme that binds to a protein or other substance during a reaction.

10. An attraction between substances of the same kind

12. Used to regulate the rate (speed)

13. A substance made of joined atoms of two or more different elements

15. DNA RNA

16. property of objects which can be transferred to other objects or converted into different forms.

17. Basic reaction (fits)

19. A mixture in which one or more substances are evenly distributed in another substance

## Down

1. Compounds that reduce the concentration of the hydrogen ions in a solution

2. Compounds that form hydrogen ions when dissolved in water

4. the minimum quantity of energy that the reacting species must possess in order to undergo a specified reaction.

6. A substance made of only one kind of atom (pure substance)

7. A biological molecule consisting of carbon (glucose)

8. A group of atoms bonded together

9. biologically important organic compounds containing amine and carboxylic acid functional groups

11. (FAT) saturated twice energy as carb

14. Amino Acid "Building Blocks"

18. The basic unit of a chemical element