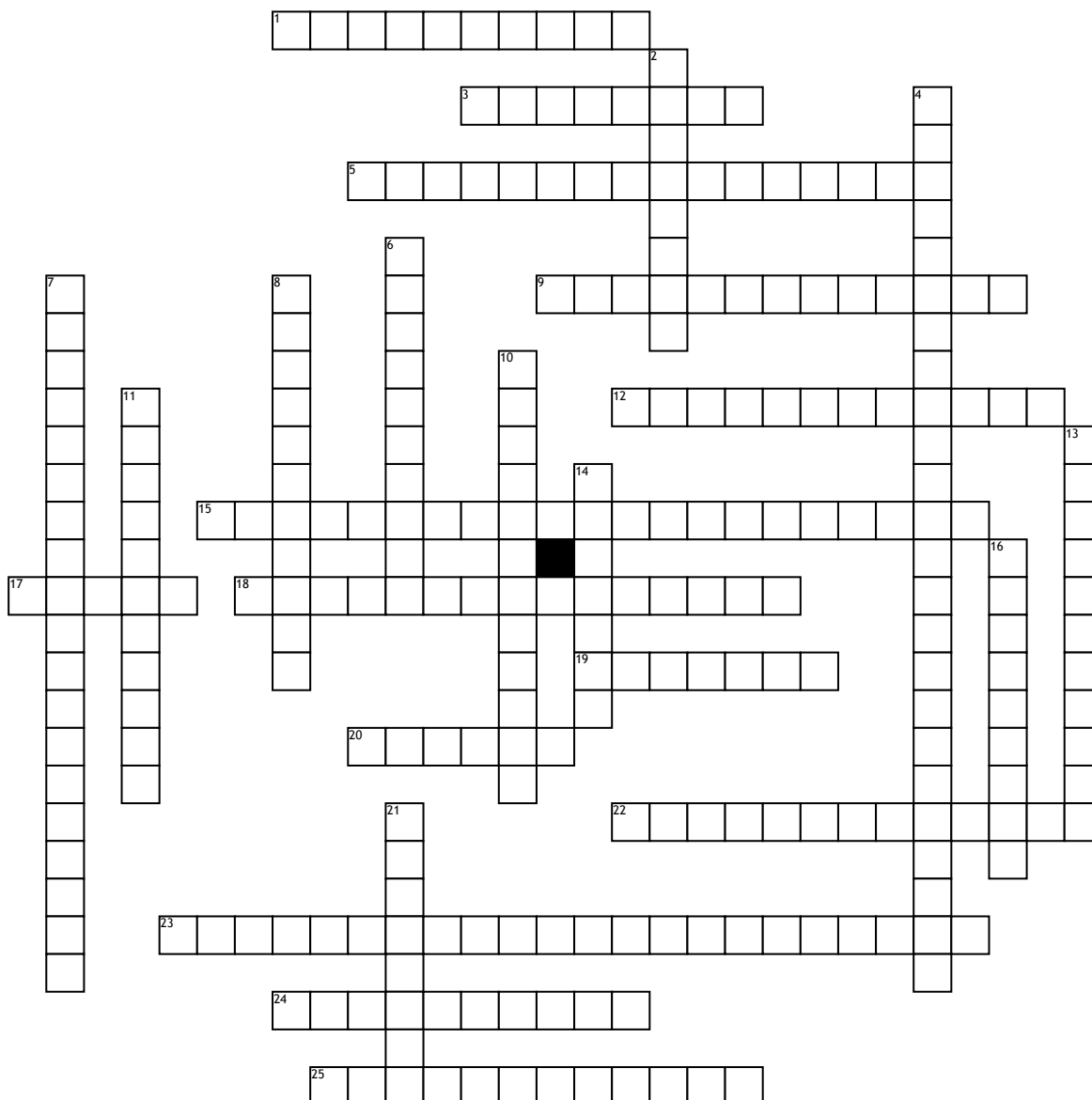


Name: \_\_\_\_\_

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

# Biochemistry Crossword Puzzle



## Across

1. represented by two parallel lines that indicates that atoms share two pairs of electrons
3. found in fruits and is the sweetest of the monosaccharides
5. Compounds that contain mostly carbon atoms are called
9. Large polymers are called
12. Monomers form polymers during a chemical reaction called
15. what does ATP stand for
17. Long fatty acid chain joined to long alcohol chains are called
18. Monomer of a carbohydrates or also known as simple sugars
19. Compounds that have a single chemical formula but different structural forms

20. Large, nonpolar organic molecules that are not soluble in water
  22. organic compound that exists as monosaccharides, disaccharides or polysaccharides
  23. contain saturated fatty acids; high melting points, solid at room temperature
  24. folds on the enzyme that allows the substrate to fit and attach
  25. In living things, two monosaccharides can combine in a condensation reaction to form a
- ## Down
2. Many carbon compounds are built from smaller molecules called
  4. contain unsaturated fatty acids, soft at room temp

6. Living organisms must also break down complex polymers—this process is called
7. speed up the chemical reactions that take place in the body
8. The two amino acids form a
10. Large, complex organic molecules that store genetic information and transfer information within the cell
11. Long chains of amino acids are called
13. All living organisms are made up of compounds that contain mostly
14. Carbohydrates, Proteins, Lipids, and Nucleic Acids are \_\_\_\_\_ compounds
16. the reactant being catalyzed
21. organic compound Composed of carbon, hydrogen, oxygen, nitrogen