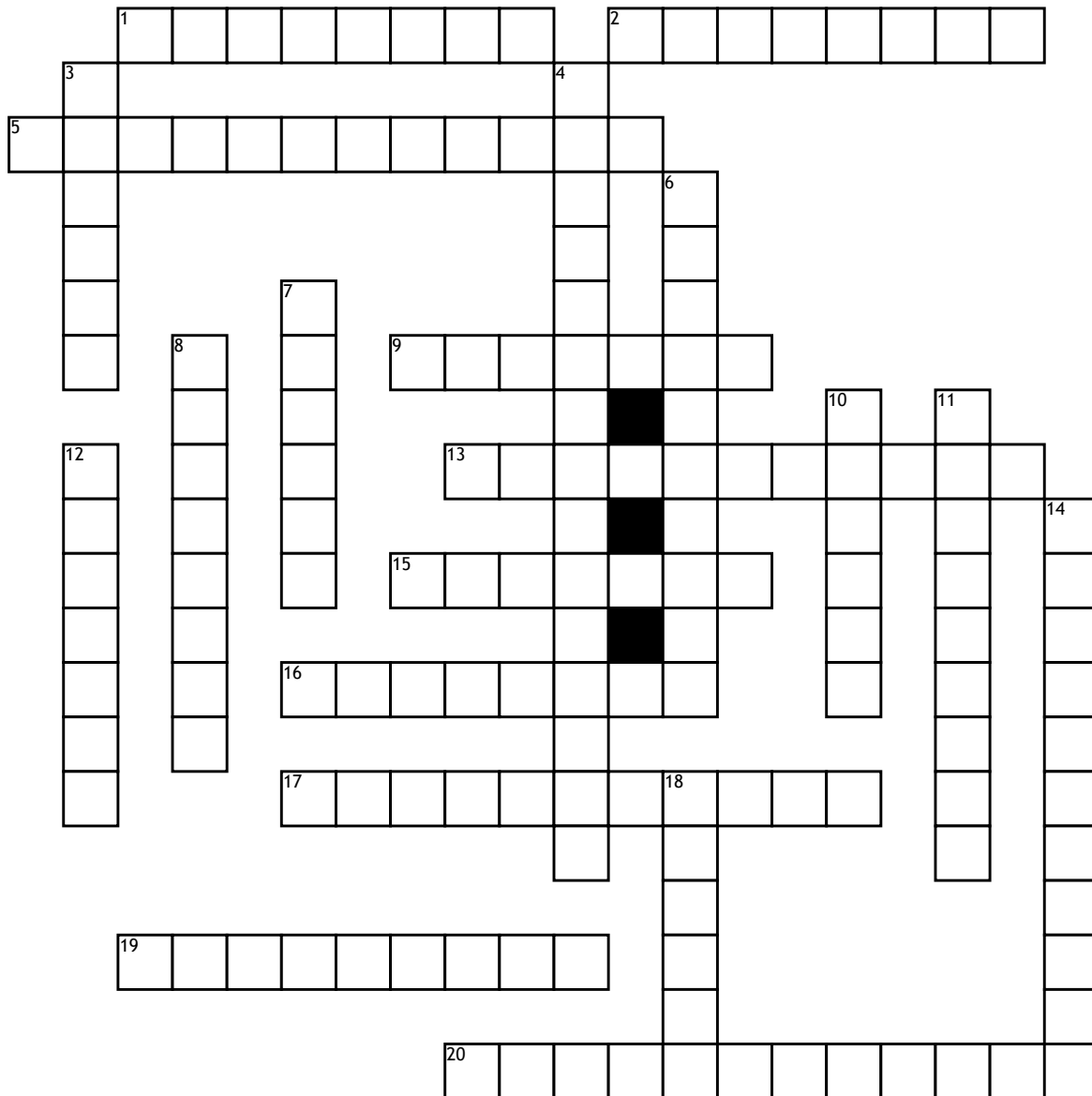


Name: \_\_\_\_\_

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

# Biochemistry: Macromolecules!



## Across

1. Amino acids bonded by peptide bonds
2. Enzymes can \_\_\_\_ when homeostasis isn't maintained
5. A reaction, also known as dehydration synthesis
9. Compound containing carbon
13. Monomers of nucleic acids
15. Macromolecules are large \_\_\_\_ molecules
16. One of the four nitrogenous bases
17. Form (structure) of DNA

19. A fatty acid that does not have double bonds between carbons

20. Consists of a phosphate group, pentose sugar, and a nitrogenous base

## Down

3. Unsaturated fatty acids have \_\_\_\_ bonds between carbons
4. Combined together to create carbohydrates
6. A substrate fits into an enzyme at the \_\_\_\_

7. Fatty acids are the building block

8. Building block of polymers

10. Store the most energy

11. Protein structure held together by hydrogen bonds, forming coils and pleats

12. Example of a common monosaccharide

14. Adds water to separate monomers

18. Biological Catalyst reducing the amount of activation energy required