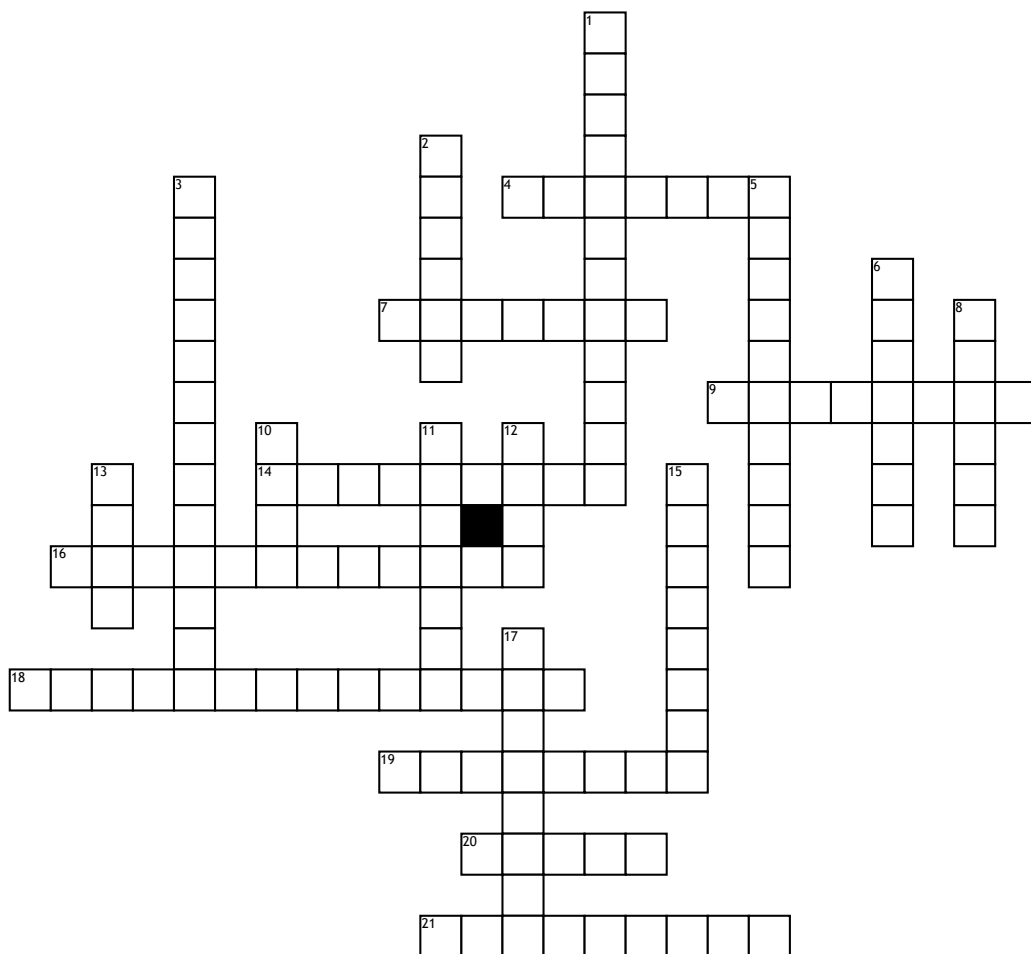


Name: \_\_\_\_\_

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

# Biochemistry Crossword



## Across

4. What is a polymer consisting of one or more long chains of amino acids

7. What is a substance in which a solute is dissolved to form a solution

9. What are two or more atoms bonded together

14. What is the the monomers (building blocks) of proteins

16. What is a chemical bond formed due to one or more shared pairs of electrons

18. What are many sugar molecules bonded together (polymer)

19. What is the property that causes molecules to stick to each other

20. What is an organic compound stores the most energy and is used to form cell membranes; formed from fatty acids and a glycerol

21. When one atom steals electrons from another

## Down

1. When a positively charged H atom of one molecule is attracted to a negatively charged O or N atom of another

2. What is a positively charged subatomic particle

3. What is the organic compound used as our key source of energy, made of monosaccharides.

5. What is the monomer used to build nucleic acids (5 types)

6. What is the measurement system used to indicate the concentration of hydrogen ions (H+) in solution (acid or bas); ranges from 0 to 14

8. What is a substance that is dissolved in a solvent to make a solution

10. pH>7; substance that releases hydroxide (OH-) ions when dissolved in water

11. What is the sub units in a complete molecule, they form polymers

12. pH <7; releases H+ ions when dissolved in water

13. What is a VERY small particle made of protons (+), electrons (-) and neutrons (no charge)

15. What is a negatively charged subatomic particle

17. What is the attraction of different substances (sticking together like with glue)

## Word Bank

Amino acid

electron

cohesion

Solute

ionic bond

nucleotide

Solvent

covalent bond

atom

pH Scale

Carbohydrates

Monomer

base

molecule

hydrogen bond

lipid

proton

acid

protein

adhesion

polysaccharide