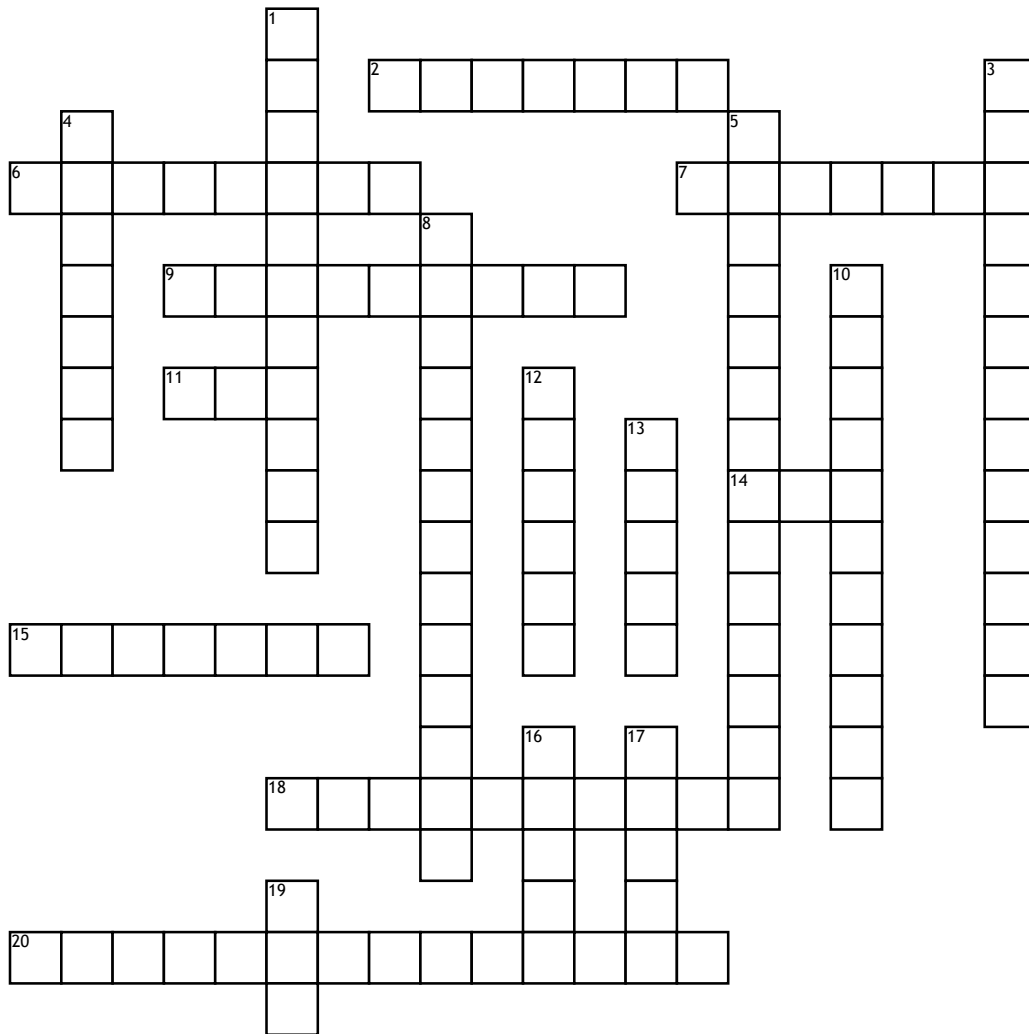


Name: _____

Date: _____

Biology



Across

2. any substance containing carbon-based compounds, especially produced by or derived from living organisms
 6. has no separation of charge
 7. a substance that has a molecular structure consisting chiefly or entirely of a large number of similar units bonded together
 9. a simple organic compound containing both a carboxyl and an amino group.
 11. the fundamental and distinctive characteristics or qualities of someone or something
 14. epithelial cell line derived from the ovary of the Chinese hamster
 15. helps keep muscle strength

18. a compound consisting of a nucleoside linked to a phosphate group.

20. any of the class of sugars that cannot be hydrolyzed to give a simpler sugar.

Down

1. a complex organic substance present in living cells, especially DNA or RNA, whose molecules consist of many nucleotides linked in a long chain.
 3. any of a large group of organic compounds occurring in foods and living tissues and including sugars
 4. a molecule that can be bonded to other identical molecules to form a polymer.
 5. a carbohydrate whose molecules consist of a number of sugar molecules bonded together.

8. a molecule containing a very large number of atoms, such as a protein, nucleic acid, or synthetic polymer.

10. a molecule that is produced by a living organism.

12. a substance produced by a living organism which acts as a catalyst to bring about a specific biochemical reaction.

13. gives you energy

16. being in opposite extremes

17. any of a class of organic compounds that are fatty acids or their derivatives and are insoluble in water but soluble in organic solvents

19. stores energy

Word Bank

monosaccharide	fat	biomolecule	nonpolar	enzyme
polysaccharide	polar	protien	nucleic acid	polymer
carbohydrates	DNA	Sugar	amino acid	organic
macromolecule	nucleotide	monomer	lipid	CHO