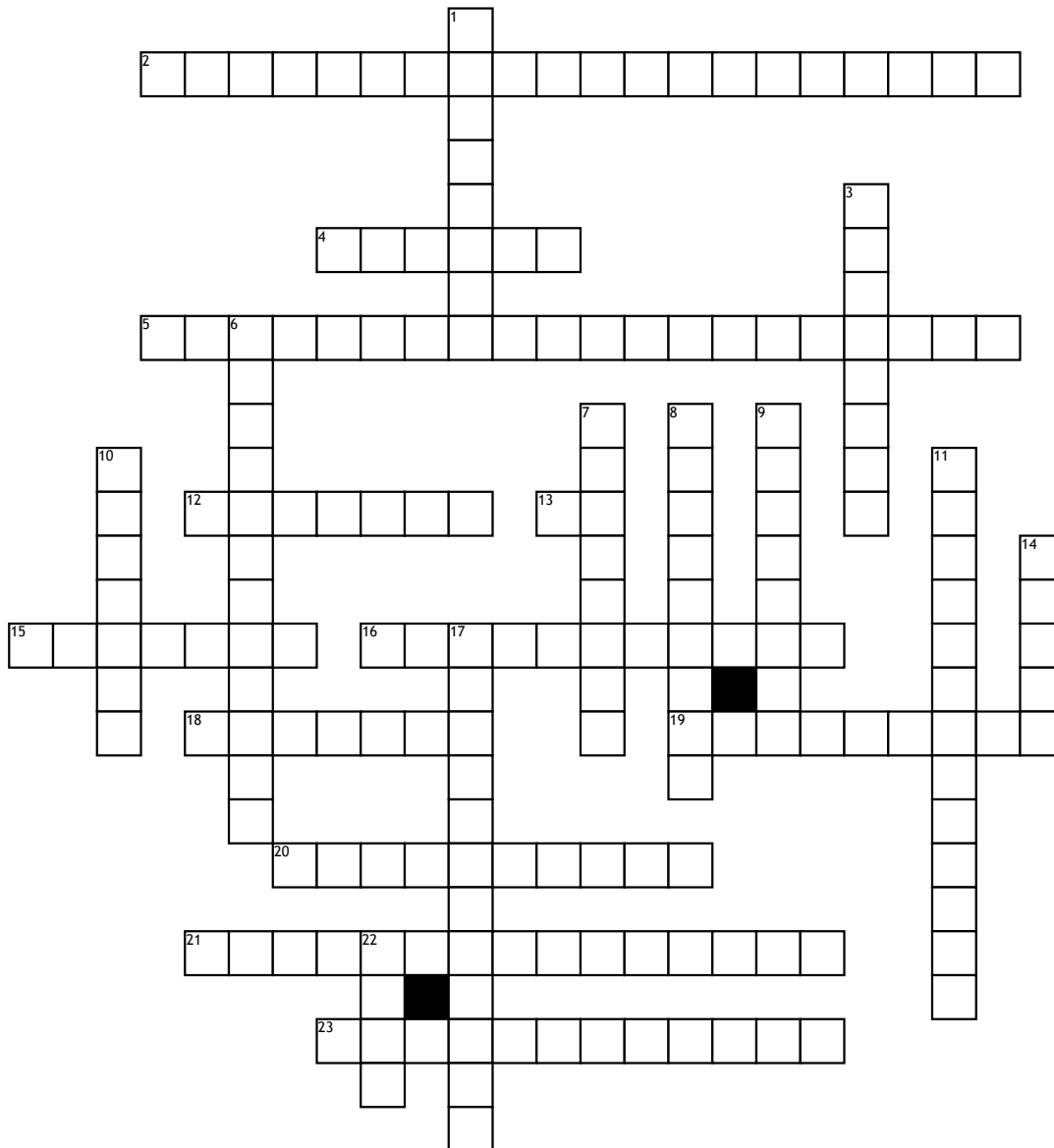


Name: _____

Date: _____

Biology Vocab.



Across

2. Combining of two compounds into a single compound that occurs in association with the loss of a small molecule between them.
4. A catalyst or a chemical produced by cells to generally speed up specific chemical reaction
5. A chemical reaction that builds up molecules by losing water molecules.
12. A molecule that may react chemically to another molecule of the same type to form a larger molecule
13. A measure of the acidity or alkalinity of a solution
15. A substance that cannot be decomposed into simpler substances by chemical means
16. may be in the form of DNA or RNA molecules containing the genetic information important for all cellular functions and heredity.

18. made from monomers linked by chemical bonds

19. A chemical bond formed between two ions with opposite charges.
20. An essential structural component of living cells and source of energy for animals; includes simple sugars with small molecules
21. A model for enzyme-substrate interaction suggesting that the enzyme and the substrate possess specific complementary geometric shapes that fit exactly into one another.
23. sharing electrons between two or more atoms

Down

1. A substance capable of initiating or speeding up a chemical reaction
3. the structure, function, and makeup of biologically important molecules such as DNA, RNA, and proteins.

6. A type of chemical bond that is formed when the slightly positive hydrogen atom of a polar covalent bond forms
7. The force of attraction between unlike molecules, or the attraction between the surfaces of contacting bodies.
8. The building block of protein
9. The intermolecular force that holds together alike molecules in a substance
10. A molecule composed of polymers of amino acids joined together by peptide bonds
11. usually used to refer to large biological polymers, such as nucleic acids and proteins, which are made up of small monomers linked together.
14. Its major biological functions involve energy storage
17. Examples include sugar, starch, cellulose and gums. Supplement.
22. the basic unit of a chemical element.