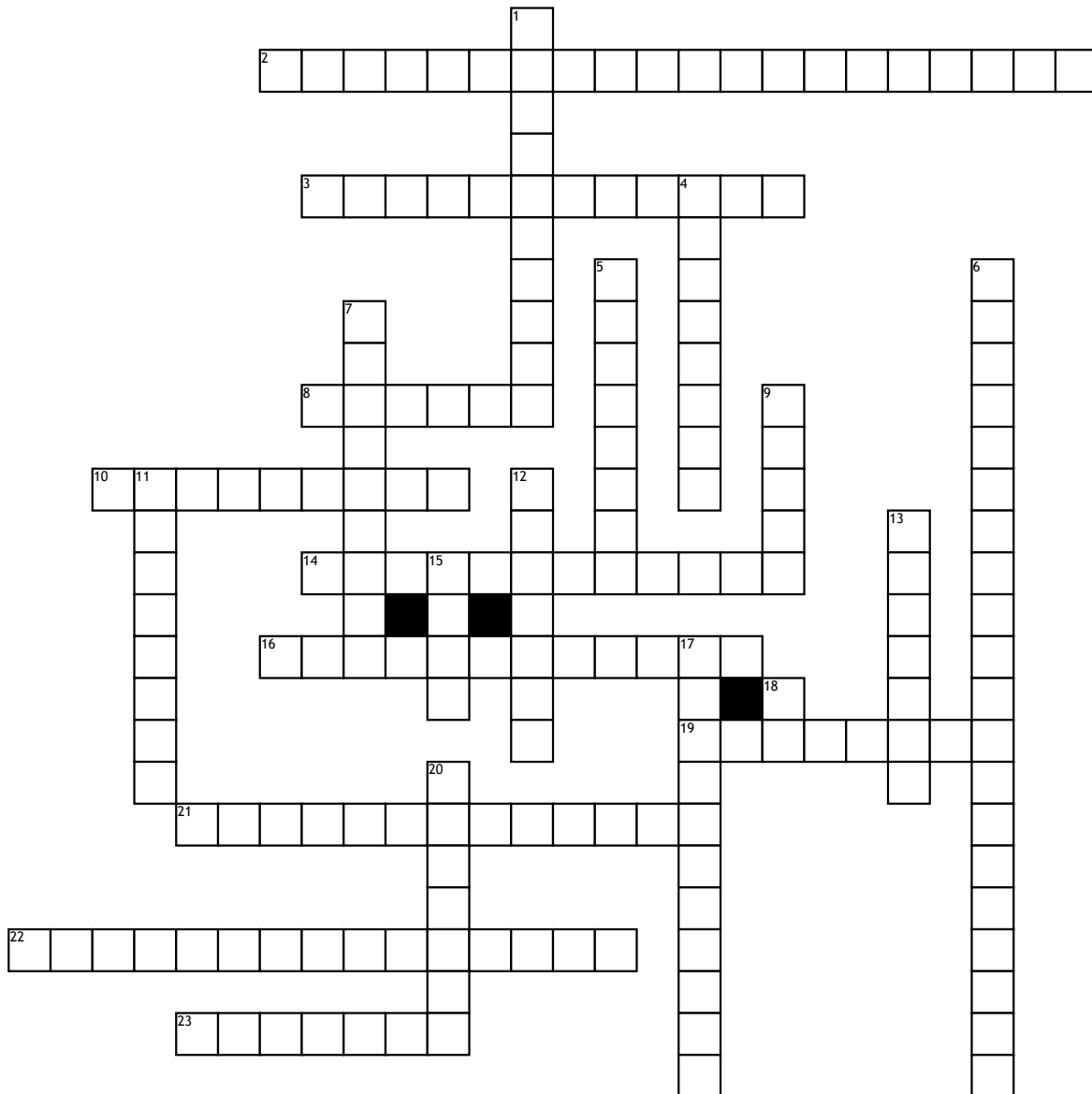


Name: _____

Date: _____

Biology Vocab



Across

- 2. the process of joining two molecules or compounds together following the removal of water (2 words)
- 3. large group of compounds occurring in food and living tissues; includes starches, sugars, and cellulose.
- 8. macromolecular biological catalysts that accelerate chemical reactions
- 10. simple compound of carboxyl and amino (2 words)
- 14. a chemical bond formed by the sharing of one or more electrons between atoms (2 words)
- 16. a weak chemical bond between a hydrogen atom and another atom (2 words)
- 19. the sticking together of like molecules, specifically water molecules

21. a large complex molecule with a large molecular weight

22. an analogy the lock is the enzyme and the key is the substrate (4 words)

23. a molecule that can bond with an identical molecule to form a polymer

Down

- 1. simple sugars; a chain of two or more simple sugars
- 4. attraction between molecules of different substances
- 5. a substance that increases the rate of chemical reaction without going through a chemical reaction itself
- 6. a chemical reaction in which two molecules combine to form a larger molecule with the elimination of a small molecule such as water (2 words)
- 7. a chemical bond formed between two ions with opposite charges (2 words)

9. molecules that contain hydrocarbons

11. a group of atoms bonded together

12. a substance that can't be decomposed into simpler substances by chemical means

13. nitrogenous compounds made of large molecules composed of amino acids

15. the basic unit of matter

17. molecules that consist of many linked chains of nucleotides; found in DNA and RNA (2 words)

18. a measure of hydrogen ion concentration; measure of acidity or alkalinity of a solution

20. a substance that's molecular structure is made of a large number of similar units; synthetic materials like plastic