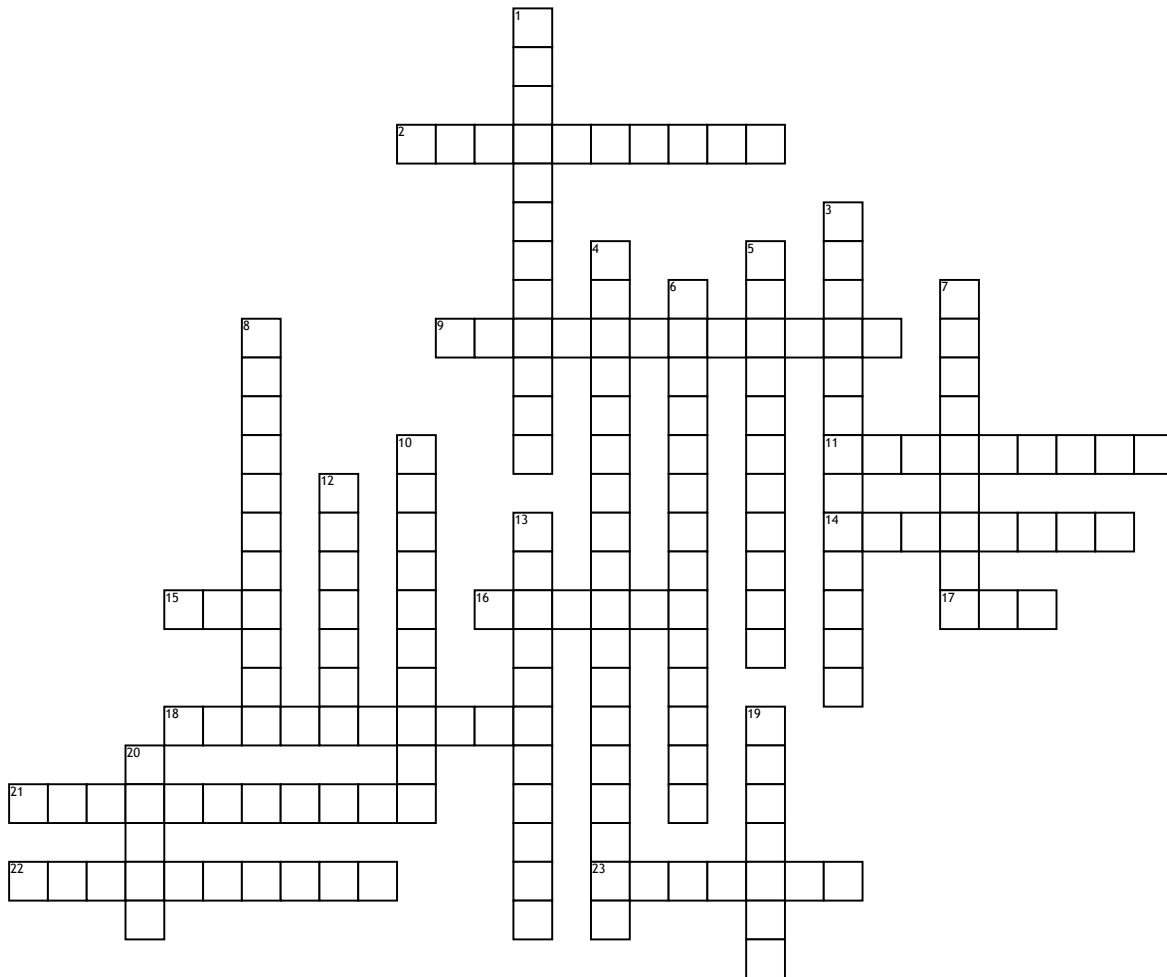


Name: \_\_\_\_\_

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

# Biology 2



## Across

2. has membrane bound organelles
9. the power house of the cell
11. what organelle makes proteins
14. what microscope can magnify up to 1,000,000x
15. how many of lipid molecules form the phospholipid bilayer
16. nitrogenous bases attach to the \_\_\_\_\_ on the back bone
17. Crick and Watson made the first model of
18. nitrogenous base with its its sugar and phosphate

21. amount of \_\_\_\_\_ pairs in the body is 23

22. what is the third step of the scientific method

23. Adenine goes with \_\_\_\_\_

## Down

1. what is the first step of the scientific method
3. Cell membranes are \_\_\_\_\_
4. what is the fifth step of the scientific method
5. does mix well with water
6. what is the second step of the scientific method
7. building blocks of a protein

8. lacks membrane bound organelles

10. the backbone of DNA is made of alternating sugars and \_\_\_\_\_

12. Cytosine goes with \_\_\_\_\_

13. DNA's structure is known as \_\_\_\_\_

19. chain of amino acids, compound used by DNA to control all cell processes/ build structures

20. set of three nucleotides on mRNA that codes for a specific amino acid