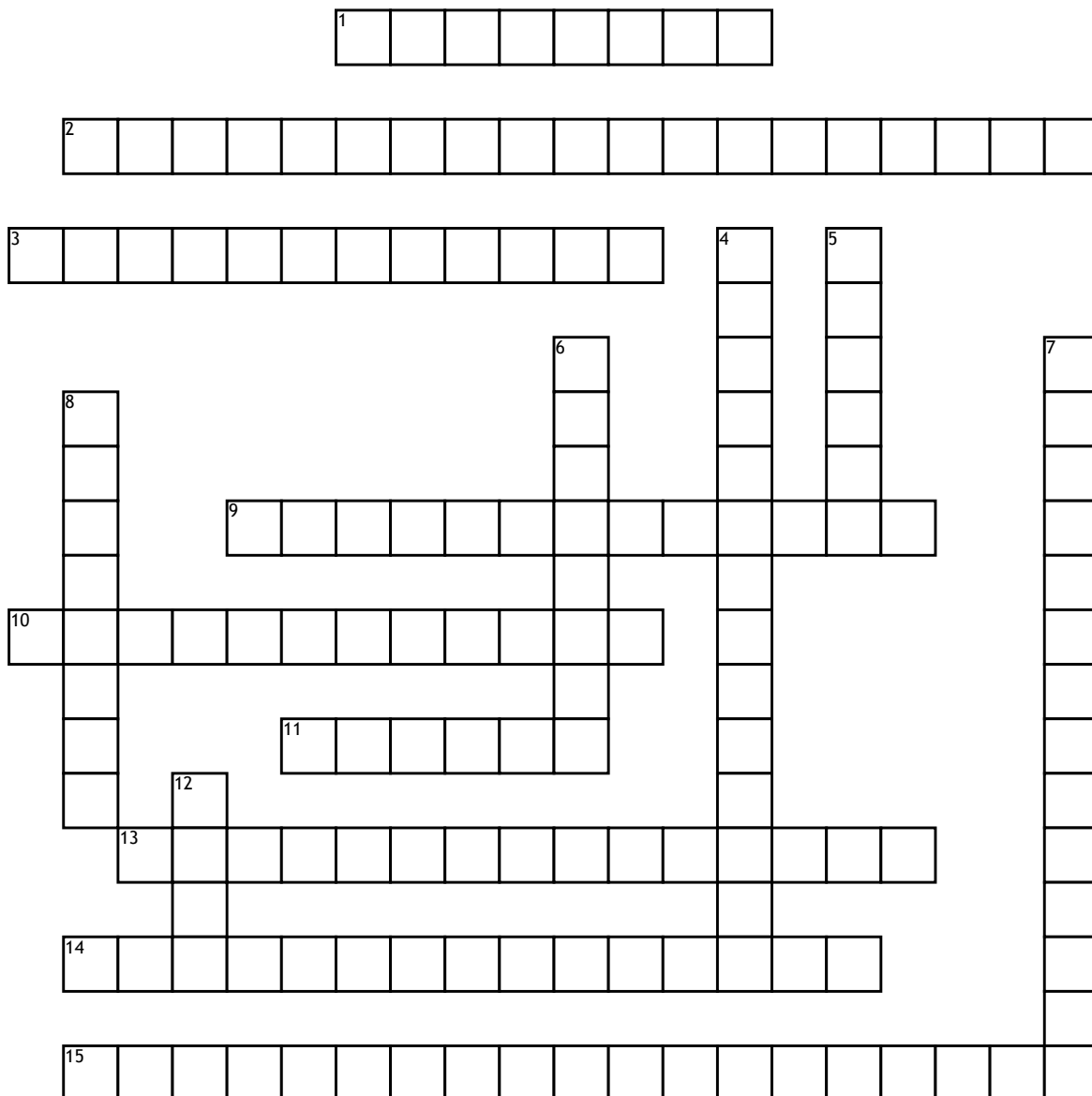


Name: \_\_\_\_\_

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

# Macromolecules



## Across

1. What is the storage polysaccharide in animals?
2. A \_\_\_\_\_ occurs when two monomers bond together through the loss of a water molecule
3. What consists of two monosaccharides joined by a covalent bond?
9. What are sugars and the polymers of sugars?
10. What are polymers of amino acids?
11. \_\_\_\_\_ are a class of large biological molecules that do not form polymers

13. What are the simplest carbohydrates?

14. What type of protein is responsible for the coordination of an organisms' activities?

15. \_\_\_\_\_ have the maximum number of hydrogen atoms possible and no double bonds between carbon atoms

## Down

4. What is a macromolecule or polymer made up of many monosaccharides or monomers?

5. Which nitrogenous base is a larger, 6-membered ring fused to a 5-membered ring?

6. What are long molecules consisting of many similar or identical building blocks?

7. What are giant molecules formed by the joining of smaller molecules called?

8. What are lipids characterized by a carbon skeleton consisting of four fused rings?

12. How many valence electrons does carbon have?