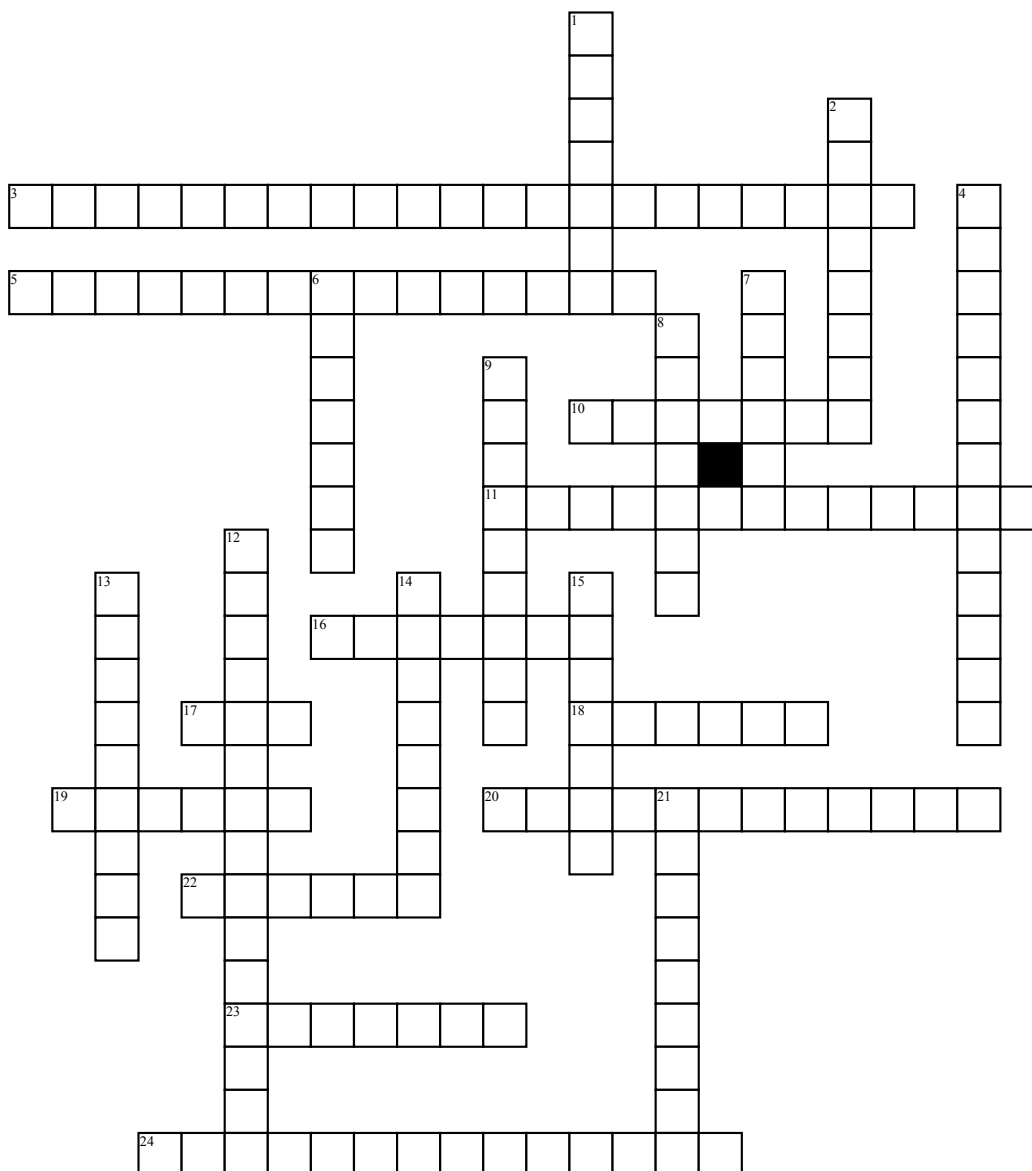


Name: \_\_\_\_\_

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

# Carbohydrates crossword puzzle



## Across

3. the syrup obtained by hydrolyzing starch and rearranging the atoms so that glucose is converted to fructose

5. monomers of carbohydrates

10. disaccharide also known as milk sugar

11. the bonds that join cellulose molecules to form cable-like microfibrils

16. disaccharide found in germinating seeds and malt

17. suffix for carbohydrates

18. three-carbon monosaccharide

19. storage polysaccharide found in plants

20. molecule composed of two monosaccharides

22. structural polysaccharide that is used by insects and crustaceans to build their exoskeleton

23. compounds with the same formula but different structural arrangements

24. cellulose that passes unchanged through your digestive tract

## Down

1. one of the most common monosaccharides that is used as an energy source

2. an isomer of glucose which tastes slightly sweeter

4. class of molecules that range from simple sugar to starch

6. the molecular formula for hexoses

7. six-carbon monosaccharide

8. disaccharide formed by the joining of fructose and glucose

9. the molecular formula of maltose

12. general name given to the macromolecules of carbohydrates

13. a monosaccharide found in milk

14. storage polysaccharide found in animals

15. five-carbon monosaccharide

21. the type of polysaccharide that is a major component of cell walls in plants