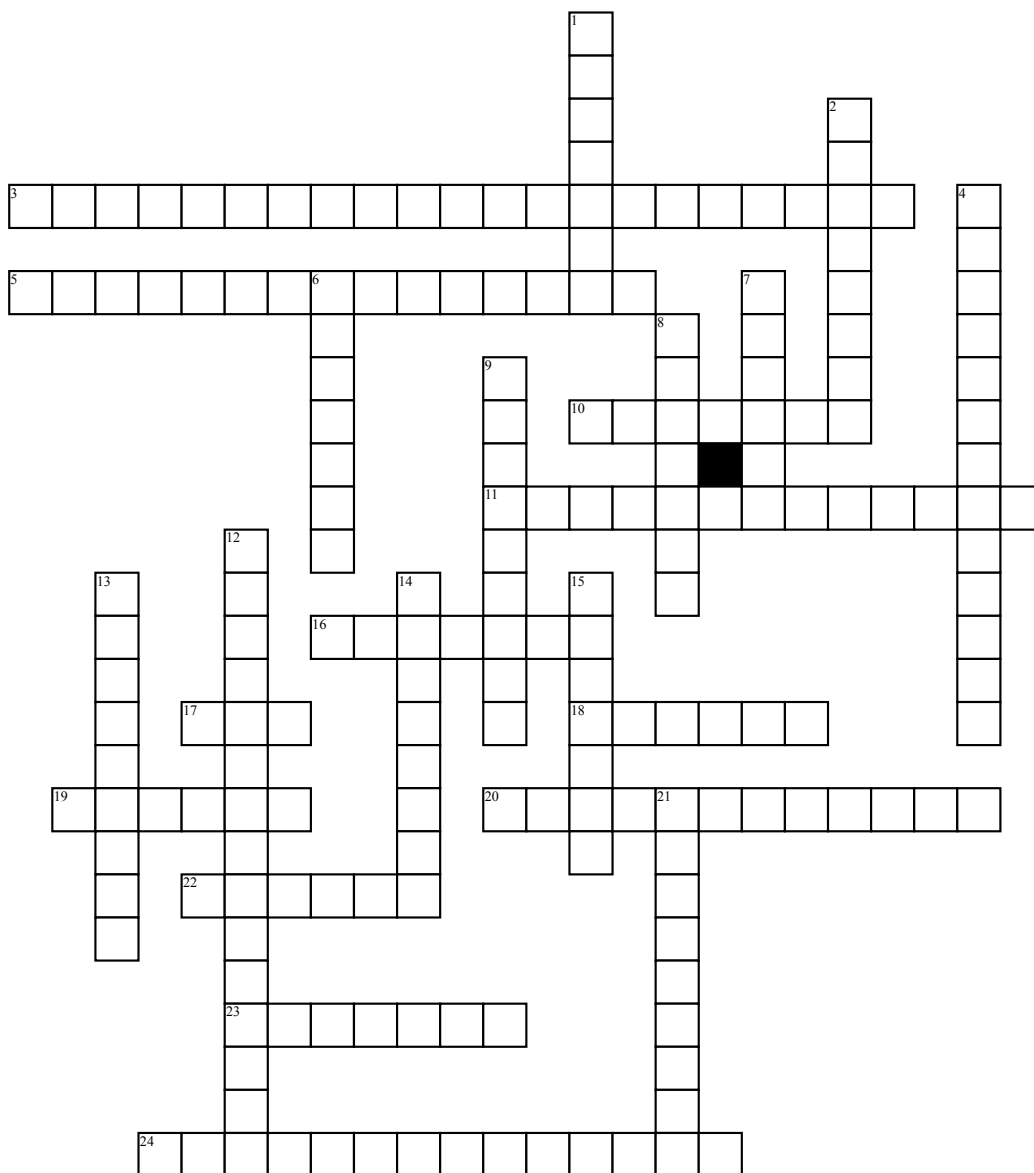


Name: _____

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