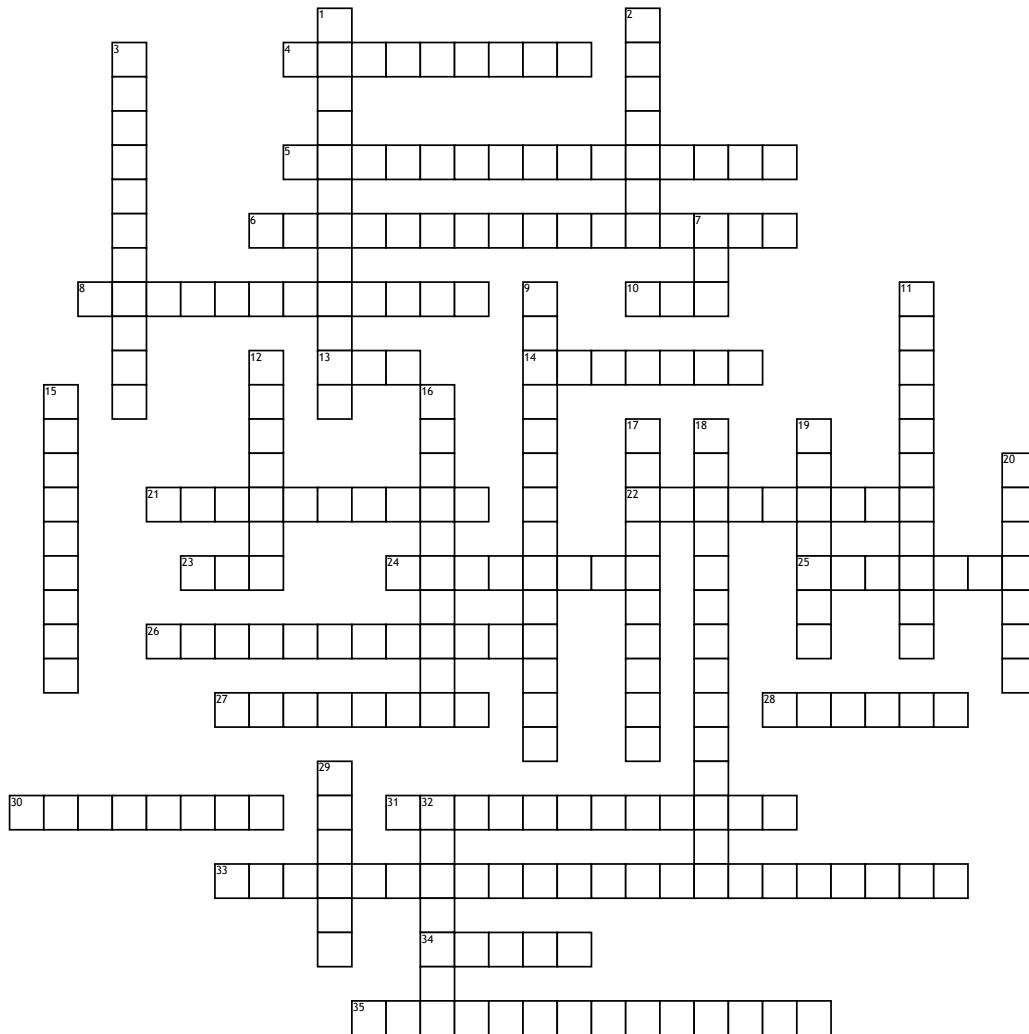


Name: _____

Date: _____

Organic Vocab



Across

4. monomer for lipids
 5. contains carbon and is found in living things
 6. Energy needed to get a reaction started
 8. fast energy
 10. A complex molecule containing the genetic information that makes up the chromosomes
 13. ending for enzymes
 14. glucose + fructose
 21. Oxygen carrying protein in red blood cells
 22. Carbohydrate component of plant cell walls.
 23. ending for sugars
 24. enzyme changes shape and no longer works
 25. one subunit
 26. lipid that makes up the cell membrane

Word Bank

peptide bond
 glycogen
 -ose
 unsaturated fat
 nucleic acid
 -ase
 carbohydrate

active site
 nucleotide
 monosaccharide
 fatty acid
 phospholipid
 enzyme
 protein

polysaccharide
 catalyst
 hemoglobin
 saturated fat
 cellulose
 enzyme-substrate complex
 starch

RNA
 sucrose
 glucose
 insulin
 steroid
 polymer
 DNA

monomer
 denature
 lipid
 disaccharide
 activation energy
 amino acid
 organic molecule

27. Storage form of glucose found in the liver of animals

28. A storage polysaccharide in plants consisting entirely of glucose

30. substance that speeds up the rate of a chemical reaction

31. 2 sugars

33. When an enzyme binds to its substrate

34. insulators and long term energy

35. monomer for carbs

Down

1. found in animals, solid at room temperature

2. builds hair skin and muscles, speeds up reactions

3. stores genetic information

7. A single-stranded nucleic acid that passes along genetic messages

9. found in plants, liquid at room temperature

11. Bonds that connect amino acids

12. A simple sugar that is an important source of energy.

15. monomer for protein

16. a region on an enzyme that binds to a protein or other substance during a reaction.

17. monomer for nucleic acids

18. Carbohydrates that are made up of more than two monosaccharides

19. many subunits

20. lipid molecule with four fused carbon rings

29. a special protein that speeds up reactions

32. A protein hormone synthesized in the pancreas that regulates blood sugar levels by facilitating the uptake of glucose into tissues