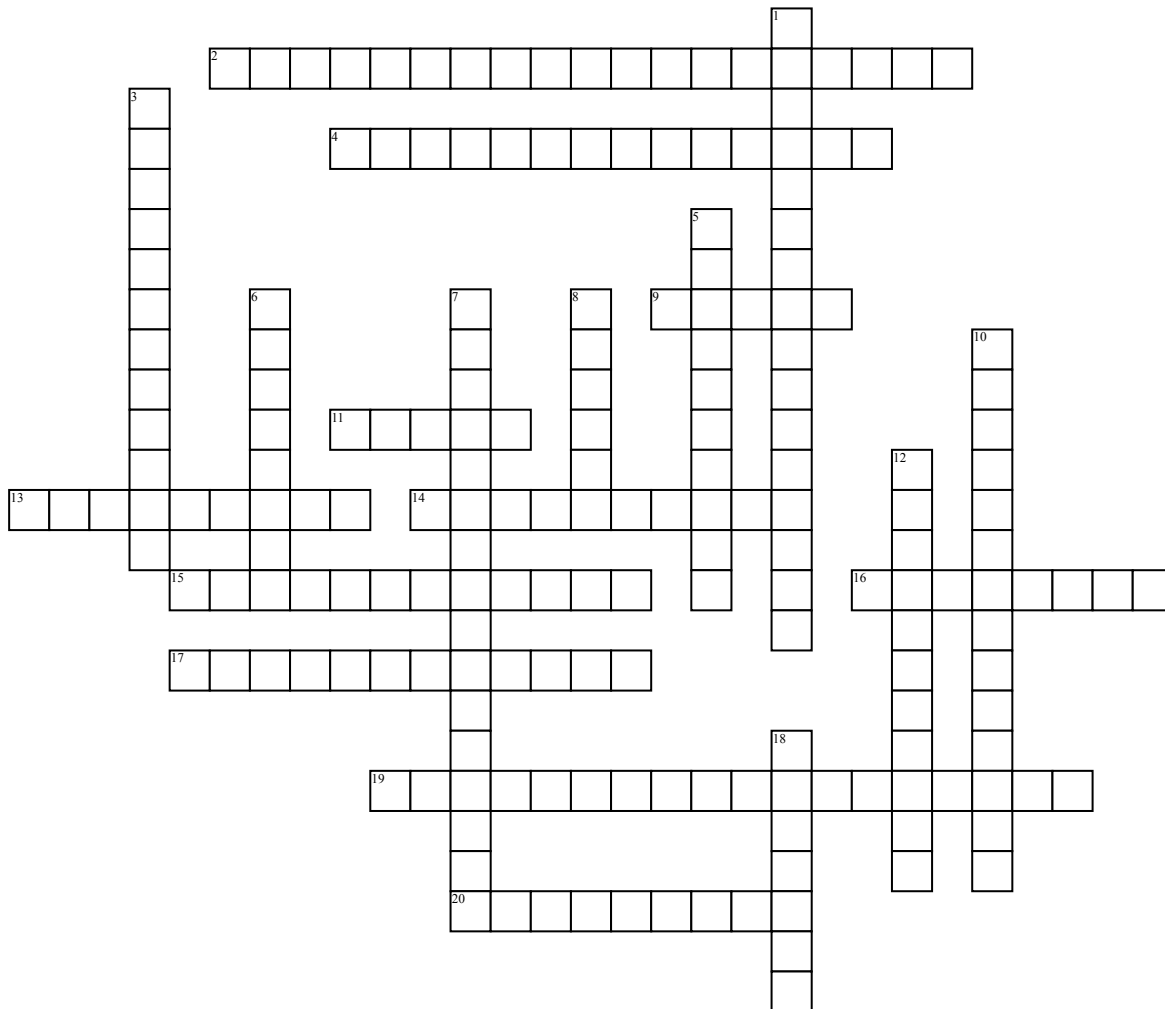


Name: _____

Date: _____

Macromolecules



Across

2. a chemical reaction that is accompanied by the absorption of heat
 4. a single sugar molecule
 9. macromolecule made mostly from carbon and hydrogen atoms
 11. a source of energy in many organisms
 13. the monomer of lipids, used to regulate oxygen use, electron transportation and energy production
 14. subunit of which nucleic acids are composed
 15. a compound made by joining two monosaccharides together
 16. the backbone of a lipid

17. a fatty acid containing the maximum amount of hydrogen (no double bonds)
 19. a chemical reaction accompanied by the release of heat
 20. reactant of an enzyme catalyzed reaction

Down

1. energy input that is needed for a reaction to begin
 3. a compound made of carbon, hydrogen, and oxygen atoms; types of nutrients that are the major source of energy to the body
 5. compound with an amino group on one end and a carboxyl group on the other end

6. elements or compounds by chemical reactions
 7. a fat with at least one double carbon bond
 8. protein catalyst that speeds up the rate of specific biological reactions
 10. a macromolecule formed by joining many monosaccharides together
 12. macromolecules containing hydrogen, oxygen, nitrogen, carbon, and phosphorous
 18. macromolecules that contain carbon, hydrogen, oxygen, and nitrogen; needed by the body for growth and repair