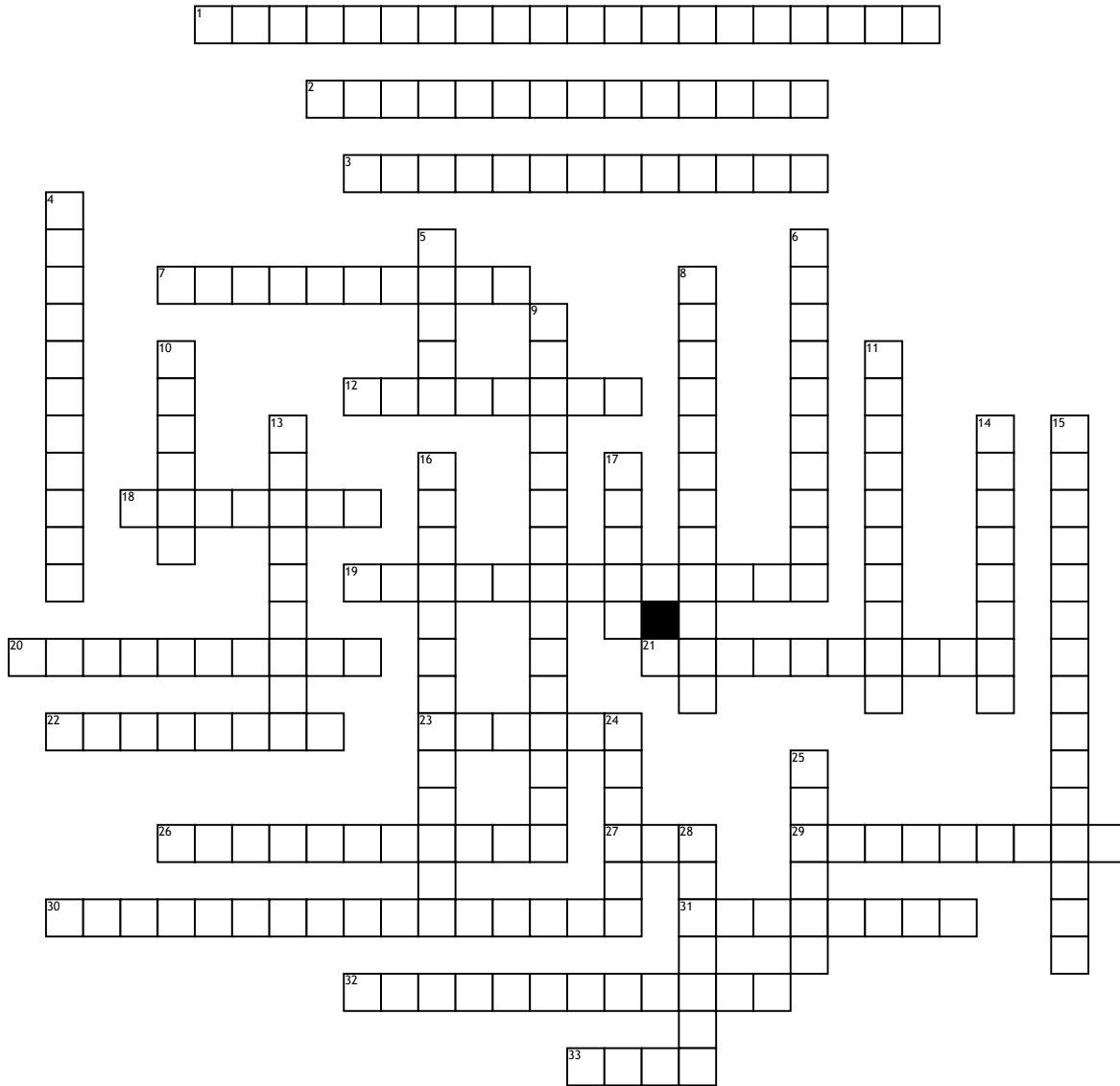


Biochemistry Review



Across

1. how polymers are formed
2. Embedded in the cell membrane as tags; example blood types
3. serve as a QUICK source of energy
7. DNA is wrapped around proteins called histones to prevent tangling
12. _____ and steroids are lipids
18. insulin is a protein hormone
19. two monosaccharides linked together; example sucrose
20. proteins control which genes are expressed
21. protein in red blood cells that carries oxygen
22. antibodies fight infection
23. made mostly of elements carbon & hydrogen, with a few oxygens
26. monomers of nucleic acids

27. nucleic acid; THE energy molecule

29. act as catalysts to speed up chemical reactions Example: amylase
30. adenine, thymine, cytosine, guanine
31. made up of carbon, hydrogen, oxygen, and nitrogen
32. made of carbon, hydrogen, oxygen, nitrogen, and phosphorus
33. cause of difference in proteins

Down

4. lipids maintain _____
5. cause of differences in proteins
6. monomers of proteins
8. another name for proteins
9. made of monomers
10. nerve cells have a _____ sheath
11. the main function of lipids

13. proteins channels embedded in the cell membrane; hemoglobin carries oxygen in the blood

14. muscles actin & myosin; flagella and cilia moved cells

15. many monosaccharides linked together

16. the monomer that makes up most of the cell membrane

17. either deoxyribose or ribose, part of nucleic acids

24. another name for carbohydrates
25. number of naturally occurring amino acids

28. types of bonds that connect amino acids