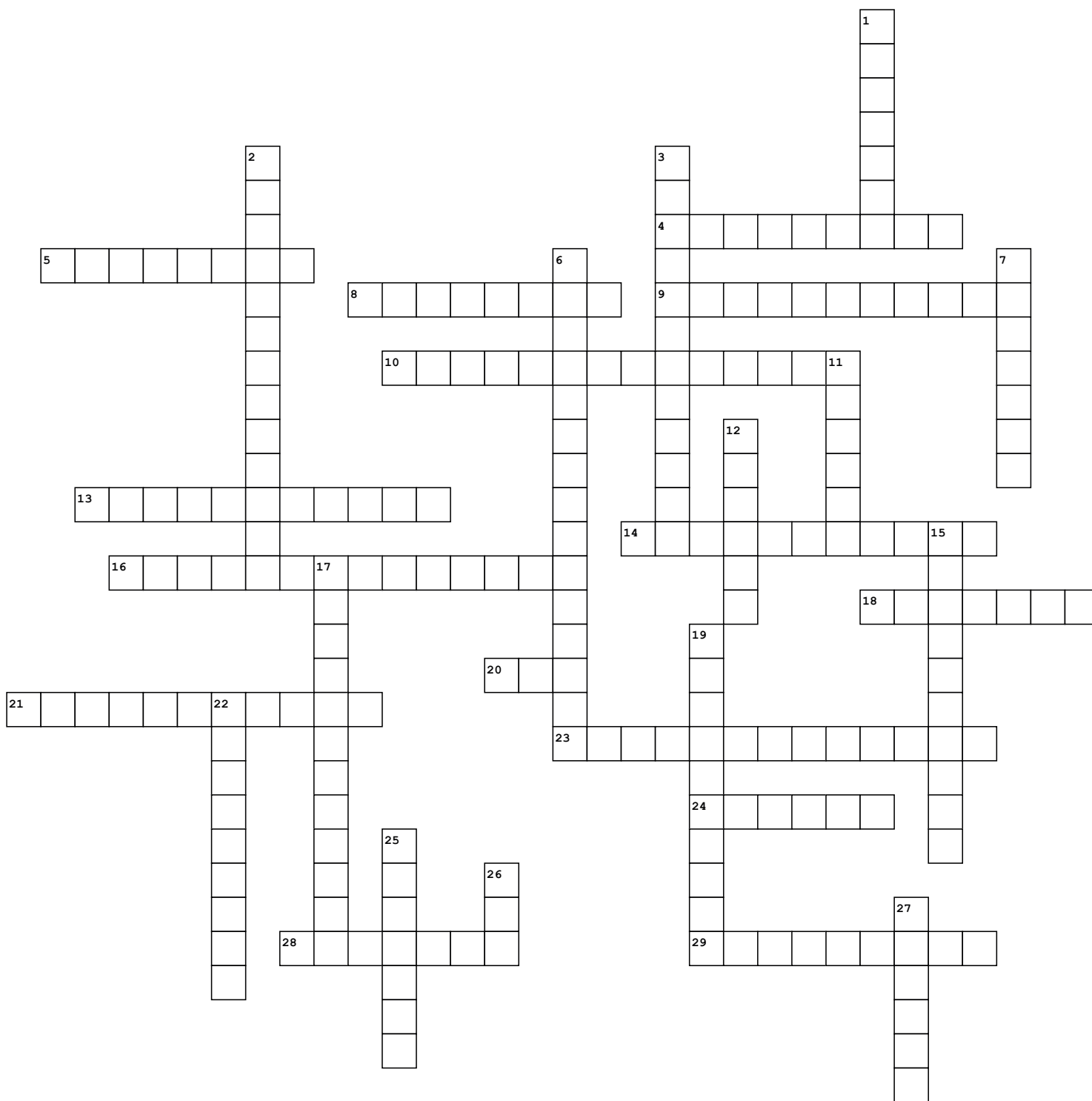


BIOCHEMISTRY CROSSWORD PUZZLE



Across

4. The forming or building of a more complex substance or compound from elements or simpler compounds

Down

1. Any of a group of solid, mostly unsaturated, polycyclic alcohols, as cholesterol and ergosterol, derived from plants or animals

5. A substance that causes or accelerates a chemical reaction without itself being affected
8. Composed of two or more parts, elements
9. A compound of the sterol type found in most body tissues
10. A carbohydrate, as starch, inulin, or cellulose, containing more than three monosaccharide units per molecule
13. Any of a group of long, linear macromolecules, either DNA or various types of RNA, that carry genetic information
14. A covalent bond formed by joining the carboxyl group of one amino acid to the amino group of another, with the removal of a molecule of water
16. A carbohydrate that does not hydrolyze, as glucose, fructose, or ribose, occurring naturally
18. The positively charged mass within an atom, composed of neutrons and protons, and possessing most of the mass but occupying only a small fraction of the volume of the atom
20. The set of non-genetic traits, qualities, or features that characterize a person or thing
21. An abnormal loss of water from the body, especially from illness or physical exertion
23. A type of single-bond animal or vegetable fat
24. Any of a group of organic compounds that are greasy to the touch, insoluble in water
28. An elementary particle having no charge
29. The substance acted upon by an enzyme
2. Any of a group of fatty compounds, as lecithin, composed of phosphoric esters, and occurring in living cells.
3. Any of a group of carbohydrates, as sucrose or lactose
6. Healthy fats that are derived from plants
7. A sugar, $C_6H_{12}O_6$
11. Any of various proteins, as pepsin, originating from living cells and capable of producing certain chemical changes in organic substances by catalytic action, as in digestion
12. A positively charged elementary particle that is a fundamental constituent of all atomic nuclei
15. Any of a group of molecules that, when linked together, form the building blocks of DNA or RNA
17. Any of a class of organic compounds that are polyhydroxy aldehydes or polyhydroxy ketones
19. Chemical decomposition in which a compound is split into other compounds by reacting with water
22. Any of a class of organic compounds that contains at least one amino group
25. Composed of 20 or more amino acids linked in a genetically controlled linear sequence into one or more long polypeptide chains
26. One of the electrically charged particles formed in a gas by electric discharge or the like
27. The substance or substances of which any physical object consists or is composed