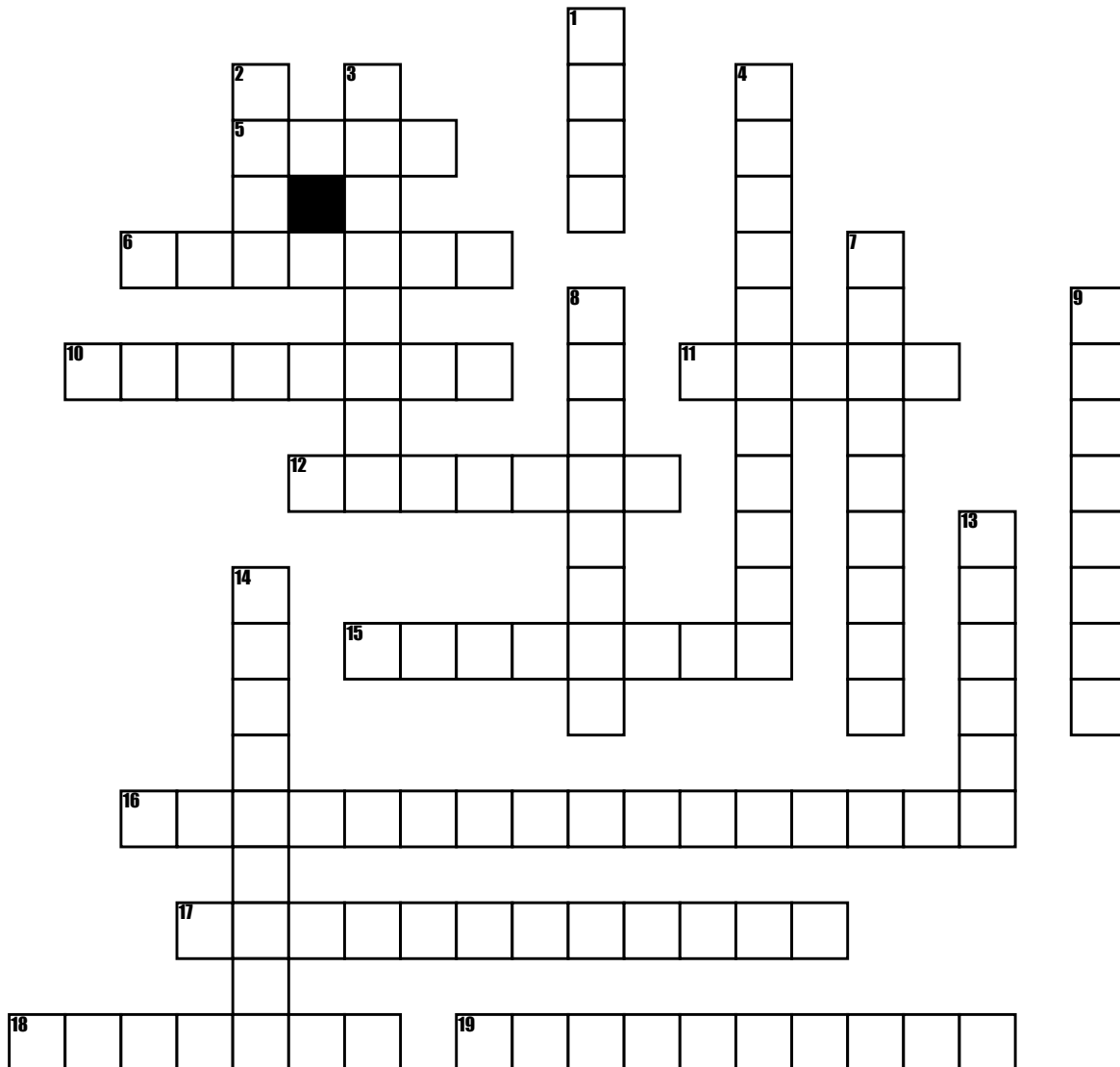


Unit 2- Chemistry of Life



Across

5. The smallest unit of matter (cannot be broken down by chemical means)

6. A substance made of only one kind of atom (a pure substance)

10. A mixture in which one or more substances are evenly distributed in another substance

11. Nonpolar molecules that are not soluble in water

12. Substances that increase the speed of chemical reactions

15. A substance made of the joined atoms of two or more different elements

16. The energy needed to start a chemical reaction

17. Organic compound made of carbon, hydrogen, and oxygen atoms in proportion of 1:2:1

18. A chain of amino acids linked together

19. Pockets formed by deep folds in large protein

Down

1. Compounds that form hydrogen ions when dissolved in water

2. Compounds that reduce the concentration of hydrogen ions in a solution

3. An attraction between substances of the same kind

4. A long chain of nucleotide

7. The building blocks of protein

8. An attraction between different substances

9. A group of atoms held together by covalent bonds

13. The ability to move or change matter

14. A substance on which an enzyme acts during chemical reaction