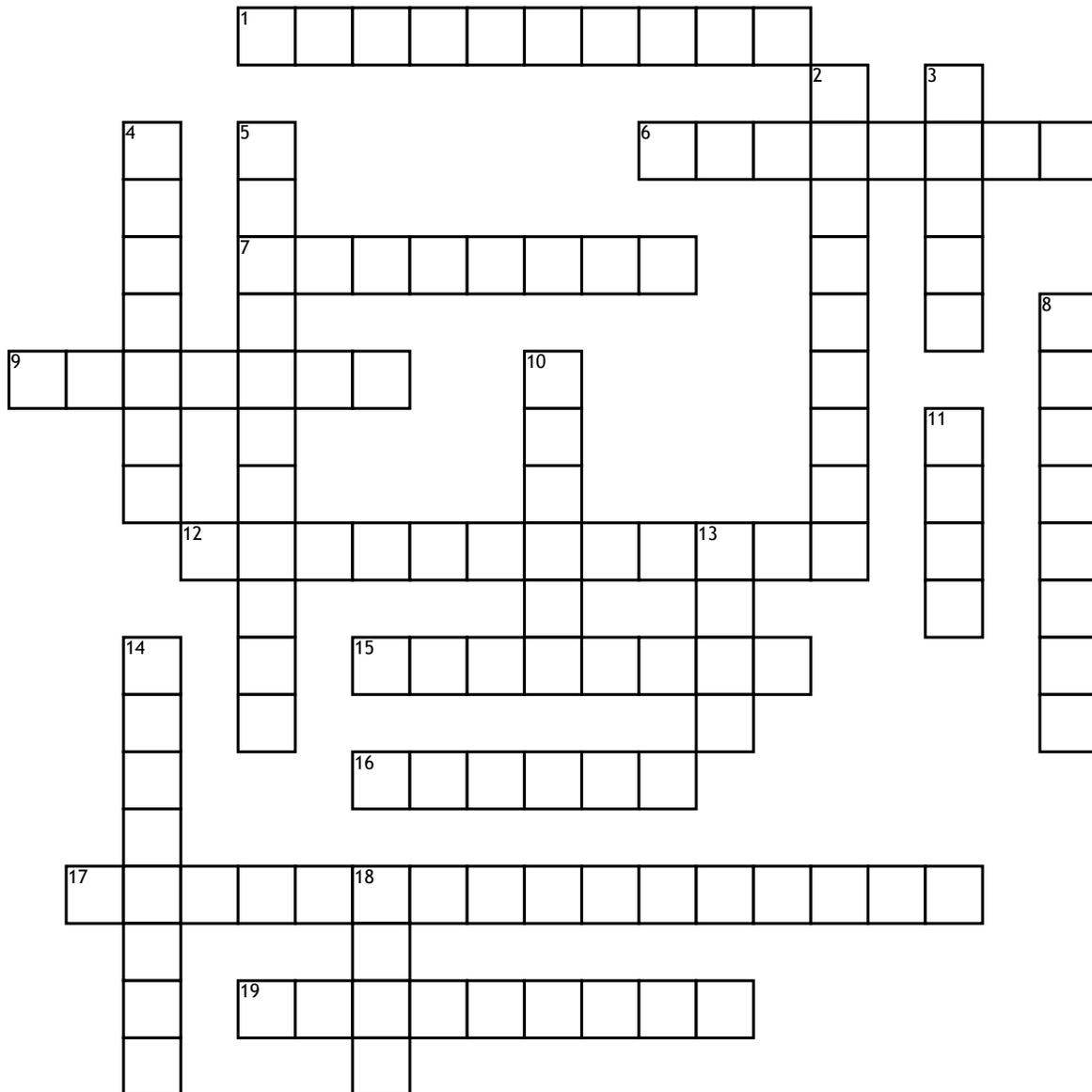


# Chemistry of Life



## Across

1. a region on an enzyme that binds to a protein or other substance during a reaction
6. composed of a solvent and a solute
7. Composed of two or more separate elements
9. Can't be broken down into simpler substances
12. a biological molecule consisting of carbon, hydrogen, and oxygen atoms
15. The force of attraction that causes two different substances to join

16. The ability to do work, or produce change

17. the minimum quantity of energy that the reacting species must possess in order to undergo a specified reaction

19. a simple organic compound containing both a carboxyl and an amino group.

## Down

2. the substance on which an enzyme acts

3. any of a class of organic compounds that are fatty acids

4. Large molecules composed of one or more chains of amino acids

5. whose molecules consist of many nucleotides linked in a long chain

8. The action of forming a united whole

10. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

11. substances that accept protons from acids

13. The basic unit of a chemical element

14. A group of atoms bonded together

18. a chemical substance that neutralizes alkalis, dissolves some metals, and turns litmus red