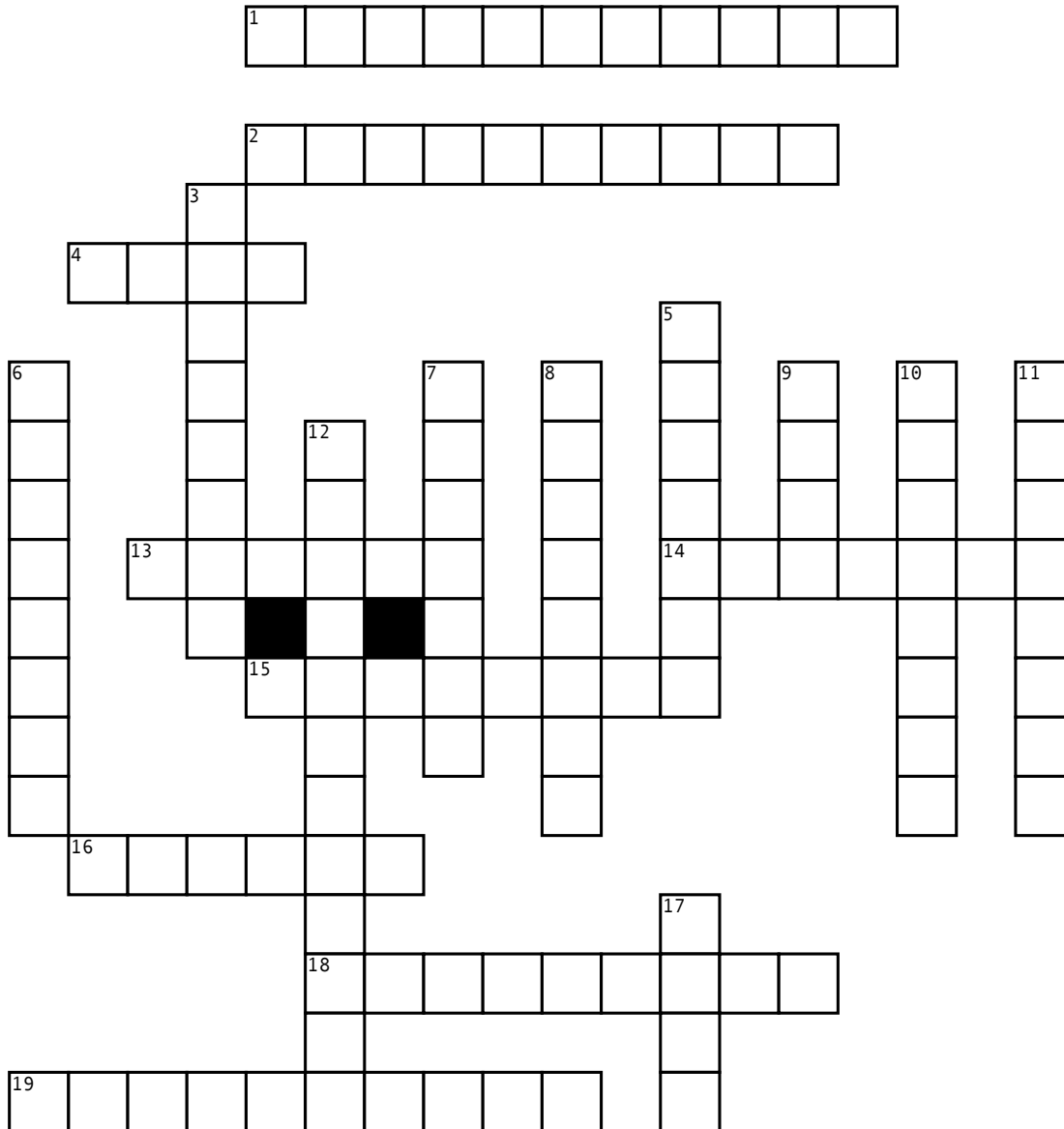


Name: _____

Chemistry of Life



Across

1. Consists of one or two long chains of repeating units called nucleotides
2. Refers to the reversible transition of a molecule into a nearly identical chemical or physical state
4. Basic unit of a chemical
13. A strength and vitality required or sustained physical or mental activity
14. A part or aspect of something abstract
15. Action or fact of forming a united whole
16. Group of naturally occurring molecules

18. Building blocks of all biological proteins

19. Refers to the specific region of an enzyme where a substrate binds and catalysis takes place or where chemical reactions occur

Down

3. Composed of two or more separate elements
5. Molecule composed of polymers of amino acids joined together by peptide bonds
6. Action or process of adhering to a surface or object
7. Macromolecular biological catalysts

8. Type of homogenous mixture in which the particles of one or more substances are distributed uniformly throughout another substance

9. Substances that accept protons from acids

10. Group of atoms bonded together

11. Surface on which an organism grows or is attached

12. Molecular compounds made up of three elements

17. Chemical substance that neutralizes alkalis