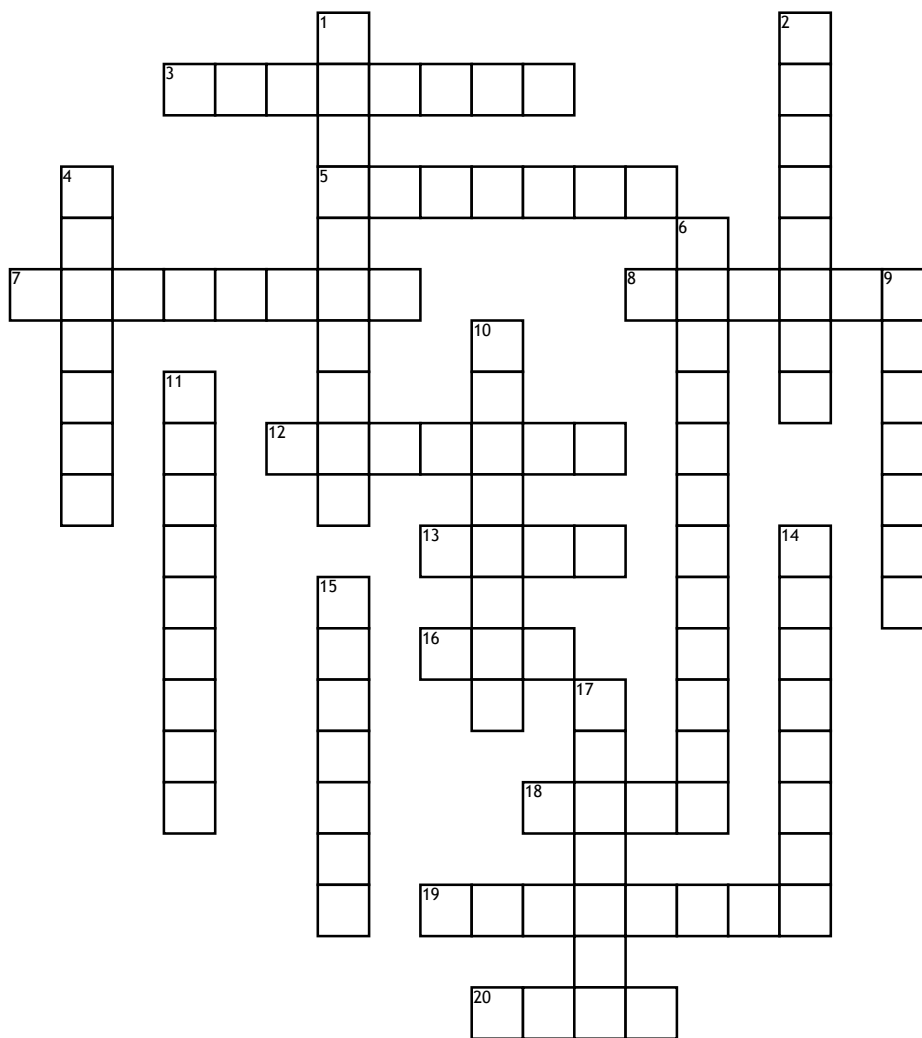


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chapter 2- The chemistry of life



Across

3. chemical combination of 2 or more substances
 5. measurement used to indicate the concentration of hydrogen ions (H⁺) in a solution
 7. a substance made by 2 or more elements
 8. substance that is being dissolved
 12. substance in which a solute is dissolved
 13. basic unit of matter
 16. a charged atom

18. solutions with H⁺ hydrogen ions
 19. attraction between molecules of different substances

20. solutions with OH⁻ hydrogen ions

Down

1. solution in which the material does dissolve but breaks into tiny particles that float within
 2. a compound formed by a covalent bond
 4. an atom that has more neutrons than it should

6. a bond formed by the sharing of electrons

9. a pure substance consisting of one type of atom

10. negatively charged particle

11. a bond formed by the transferring of electrons

14. attraction between molecules of the same substance

15. physical combination of 2 or more substances

17. the center of the atom; contains protons and neutrons.

Word Bank

solution
 acid
 ion
 isotope

solute
 electron
 cohesion
 base

molecule
 covalent bond
 adhesion
 nucleus

mixture
 compound
 ionic bond
 element

suspension
 pH scale
 solvent
 atom