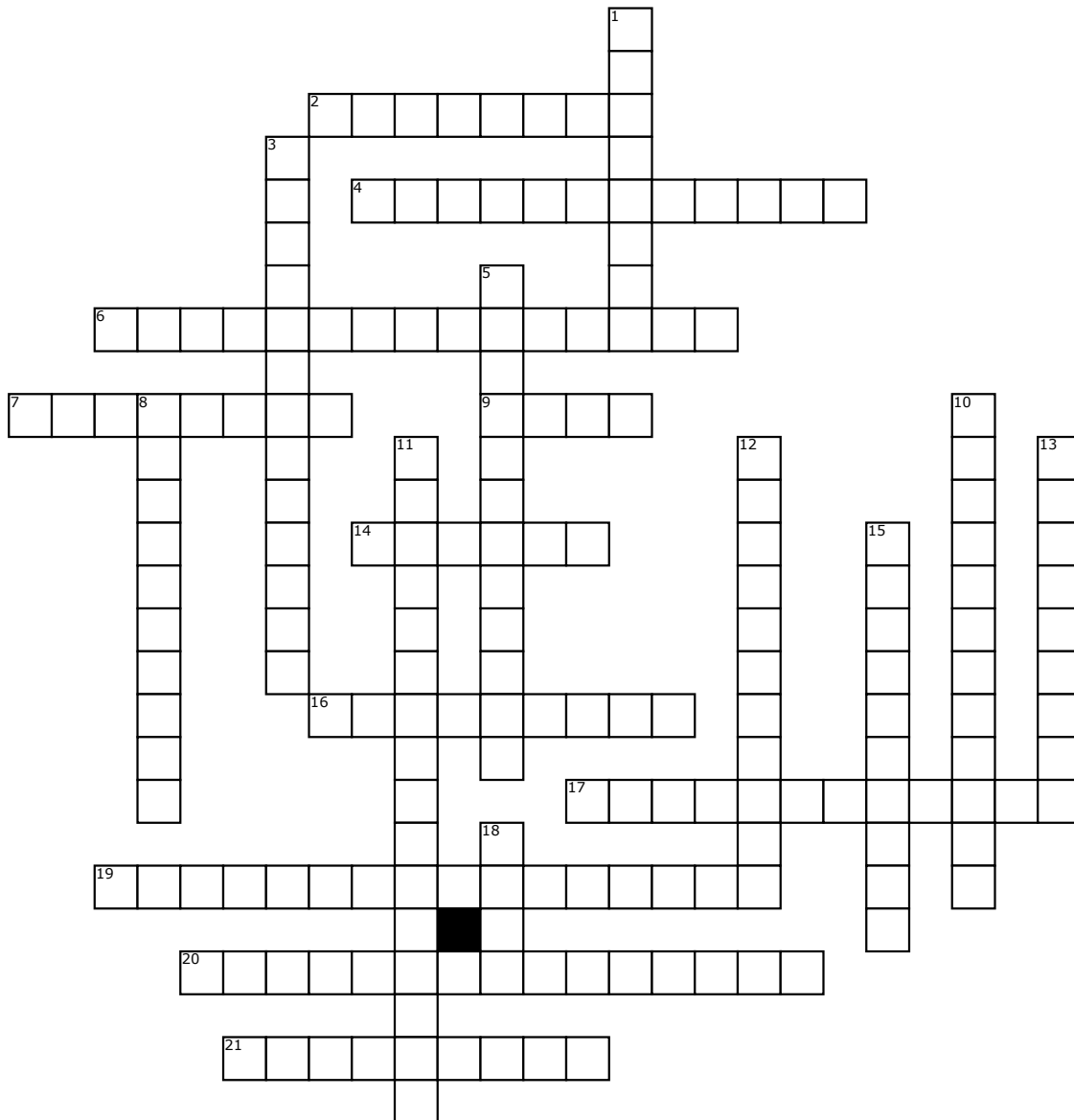


Nutrition and Metabolism



Across

- 2.** units of matter composed of one or more different atoms
4. formed between a hydrogen proton and the negative end of another molecule
6. a disorder of the blood vessels characterized by the accumulation of cholesterol and other fats along the inside lining.
7. a stable subatomic particle with a charge of negative electricity
9. the smallest particle of matter composed of: neutrons, protons, electrons
14. the ability to do work
16. chemical reactions in which simple chemical substances are combined to form complex chemical structures

- 17.** where atoms are joined together by forces of attraction
19. a process that involves rearrangement of molecular or ionic structure of a substance
20. formed when two or more elements are joined by chemical bonds
21. chemicals that speed up the rate of a chemical reaction, without altering the products formed by the chemical reaction

Down

- 1.** a pure substance that cannot be broken down into simpler substances (118)
3. molecules that have positive and negative ends

- 5.** occurs when the bonds holding a protein molecule together are disrupted causing a temporary change in shape
8. reactions in which complex chemical structures are broken down into simpler molecules
10. formed when electrons are shared between two or more atoms
11. a molecule in which the electrons are shared equally between the nuclei
12. Occurs when the bonds holding a protein molecule together are disrupted causing a permanent change in shape
13. formed when electrons are transferred between two atoms
15. the sum of all chemical reactions that occur within the cells
18. the smallest structural and functional unit of an organism