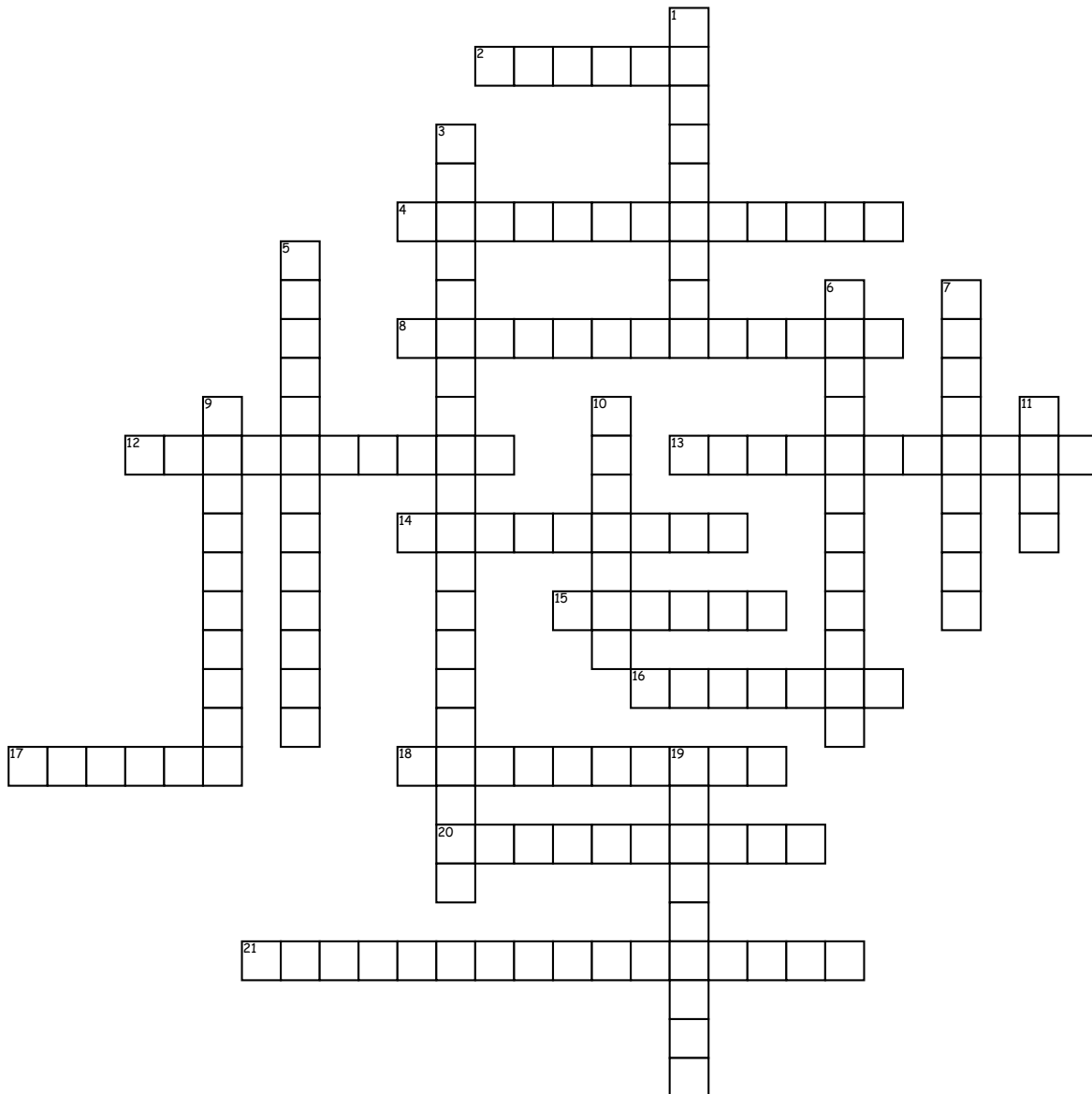


# Nutrition and Metabolism



## Across

2. \_\_\_\_\_ is the build up of cholesterol in the blood.
4. Atoms joined together by forces of attraction are called \_\_\_\_\_.
8. \_\_\_\_\_ is formed from the union of one glycerol and 3 fatty acids.
12. \_\_\_\_\_ reaction is when energy is released.
13. \_\_\_\_\_ reaction is when energy is required.
14. Polar Covalent Bonds still share electrons, but they share them \_\_\_\_\_.
15. \_\_\_\_\_ are commonly known as fats and oils.

16. \_\_\_\_\_ is the chemical formula of monosaccharides.
17. \_\_\_\_\_ is measured in calories or joules.
18. Sum of all chemical reactions that occur within the cells.
20. \_\_\_\_\_ are the transfer of electrons.
21. \_\_\_\_\_ Bonds share electrons equally.

## Down

1. A polysaccharide that our bodies can't digest is \_\_\_\_\_.
3. All disaccharides are formed by a chemical process called \_\_\_\_\_.
5. Excess \_\_\_\_\_ are converted to and stored as fat.
6. \_\_\_\_\_ occurs when the bonds holding a protein molecule together are disrupted, causing a temporary change in shape.
7. \_\_\_\_\_ fats usually come from animal fats.
9. \_\_\_\_\_ is the energy in covalent and ionic bonds.
10. compounds that contain carbon.
11. A complete protein contains all \_\_\_\_\_ of the amino acids.
19. Compounds that do not contain the element carbon.