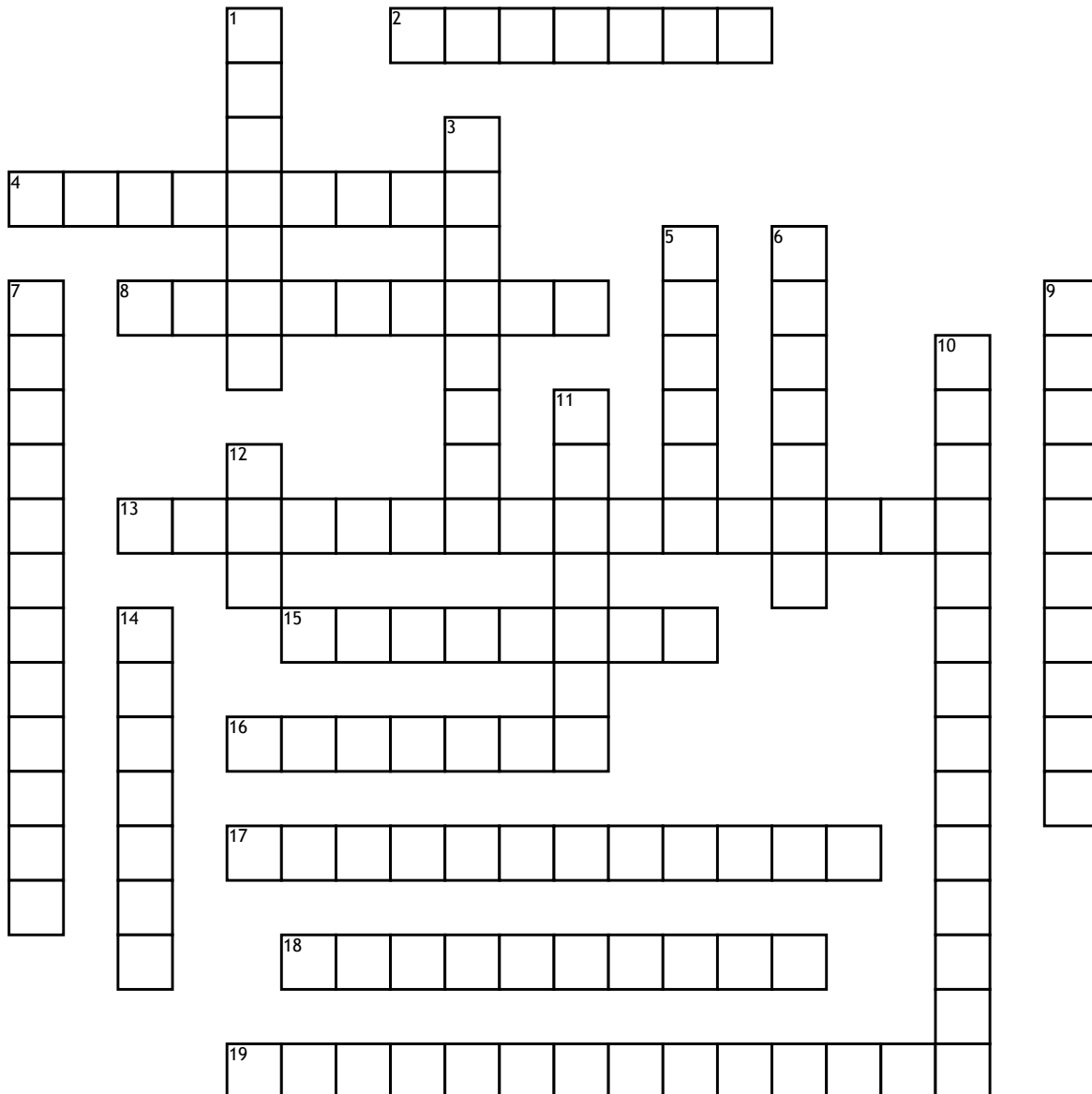


# Cellular Metabolism



## Across

2. A long molecule consisting of many monomers linked together.

4. the molecule upon which an enzyme acts

8. Building blocks of proteins

13. Energy needed to get a chemical reaction started

15. A substance made up of atoms of two or more different elements joined by chemical bonds

16. restrain; prohibit; prevent

17. A double sugar, consisting of two monosaccharides

18. the chemical processes that occur within a living organism in order to maintain life.

19. A simple sugar that is the basic subunit of a carbohydrate

## Down

1. An organic compound that is made of one or more chains of amino acids

3. A chemical substance that is present at the start of a chemical reaction

5. A type of protein that speeds up a chemical reaction in a living thing

6. A simple compound whose molecules can join together to form polymers

7. Monomers are called monosaccharides; the atoms CHO (1,2,1) are present

9. the site on an enzyme where reactants are brought together to react

10. A polymer of many monosaccharides

11. A substance produced in a chemical reaction

12. (adenosine triphosphate) main energy source that cells use for most of their work

14. Contains carbon