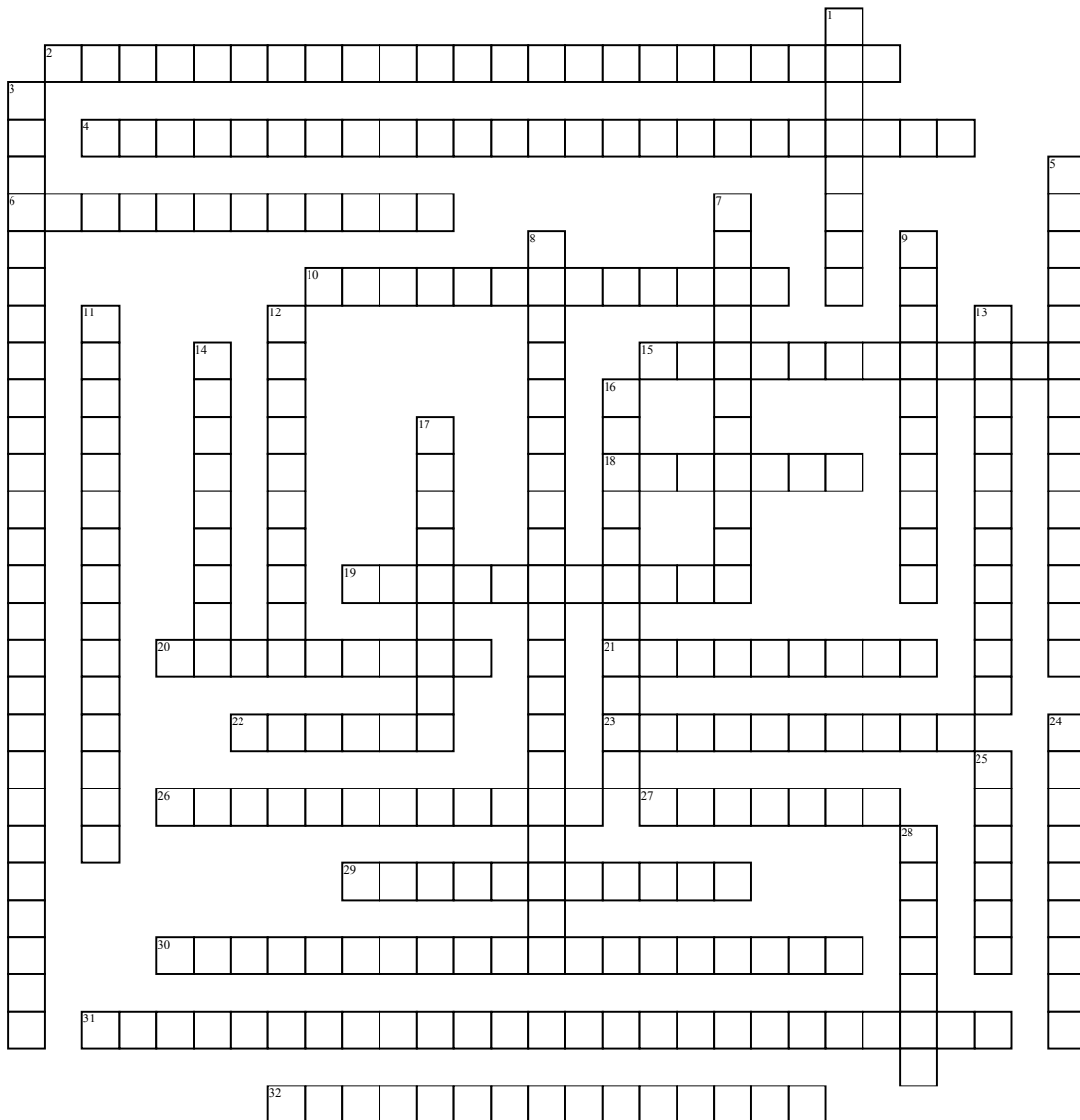


# Biology Crossword Puzzle



**Across**

- 2. amino acids bonded together by peptide bonds
- 4. secondary structure folded into a more complex 3-D arrangement
- 6. composed of one glycerol and three fatty acids
- 10. bonds that hold nitrogenous bases together
- 15. composed of long chains of nucleotides linked by dehydration synthesis
- 18. twenty different amino acids that are only different due to the structure of their groups
- 19. monomer of nucleic acids
- 20. process in which cells continue to make energy even if there is no oxygen present
- 21. an organism that makes its own food
- 22. packet of light energy
- 23. change in the shape of an enzyme's active site

- 26. organism that cannot use the direct energy to make food and must eat organisms to survive
- 27. a passive movement through water molecules through a semi-permeable membrane, and it goes from a high concentration to a low concentration until it meets dynamic equilibrium
- 29. the ability of our body to keep conditions stable and balanced
- 30. process that takes place in cells of organisms to convert energy from nutrients into adenosine triphosphate (ATP)
- 31. three-dimensional folding arrangement of proteins
- 32. sequence of enzymes used to get a final product

**Down**

- 1. composed of carbon, hydrogen, oxygen, nitrogen, and sometimes sulfur
- 3. composed of two or more subunits

- 5. process where plants use sunlight to create food from carbon dioxide and water and producing glucose, or sugar.
- 7. movement into the cell
- 8. process in which you link up two monomers together
- 9. total of all chemical activities
- 11. variables that remains constant or unchanged
- 12. monomer of deoxyribonucleic acid (DNA)
- 13. cell drinking
- 14. losing negatively charged electrons making it more positive
- 16. three carbon molecule produced during glycolysis
- 17. gaining more negatively charged electrons which makes it more negative
- 24. an educated guess based on an observation
- 25. inside a chloroplast surrounding the grana
- 28. deoribonucleic acid (DNA) location within the cell