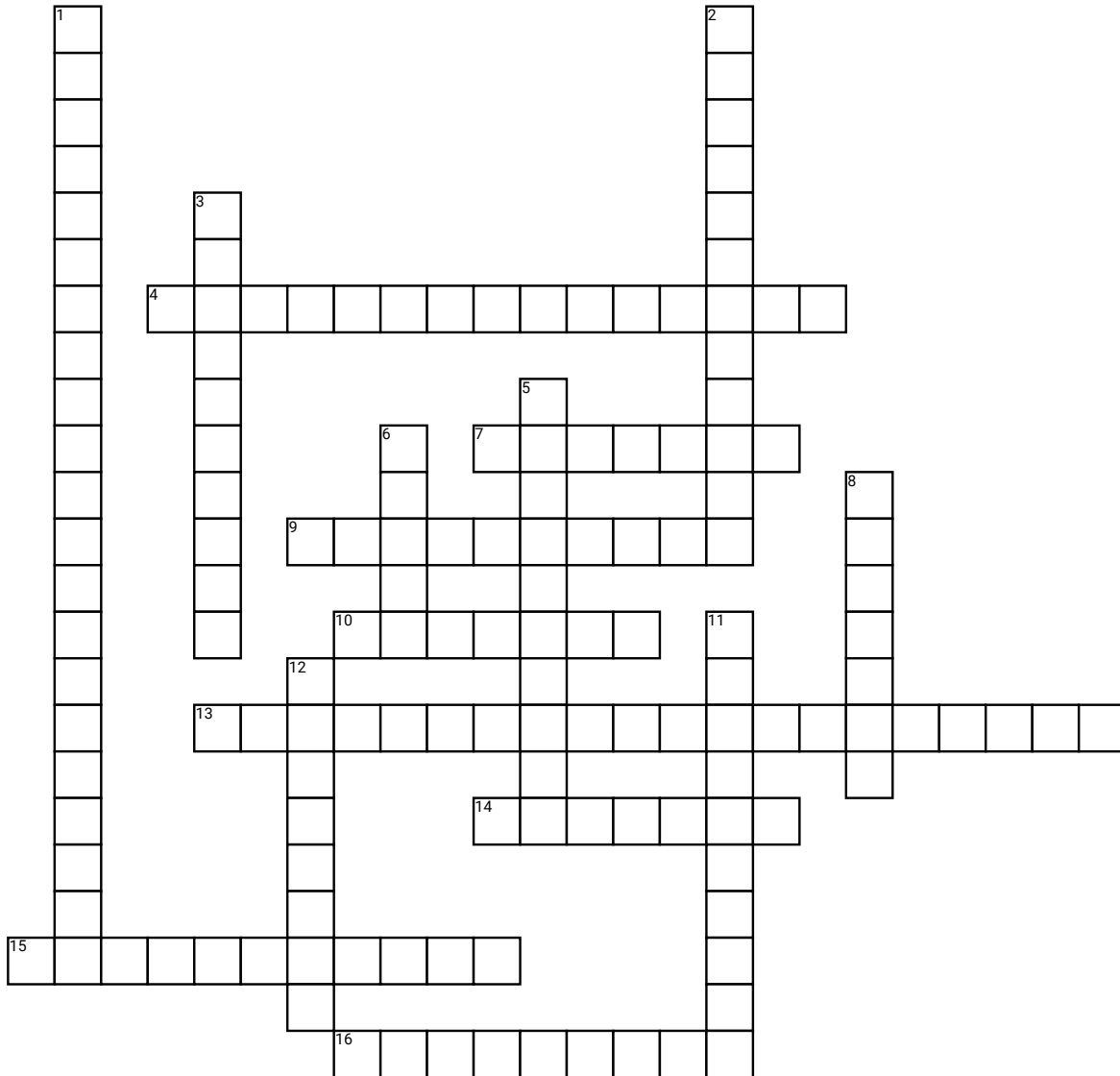


# Proteins and Nucleic Acids



**Across**

- 4. Nucleic Acid that is used to assemble proteins
- 7. Protein that gives strength to hair, nails, scales and hooves.
- 9. Protein produced by the white blood cell to kill pathogens
- 10. Proteins involved in regulating glucose levels in the blood
- 13. Nucleic Acid that is the genetic code for all living things

- 14. Proteins that help to speed up chemical reactions
  - 15. Name of the bond that holds amino acids together
  - 16. Sugar group, nitrogen bases, and \_\_\_\_\_ group are all parts of the nucleotide.
- Down**
- 1. Nucleic Acid that cells use for energy
  - 2. Macromolecule responsible for the production fo proteins
  - 3. Monomer of Proteins

- 5. Protein that carries oxygen throughout our bodies
- 6. Protein that enables muscles to contract and expand
- 8. Macromolecule used for structure and chemical reactions.
- 11. Monomer of Nucleic Acids
- 12. Protein that connects skin tissues to muscles