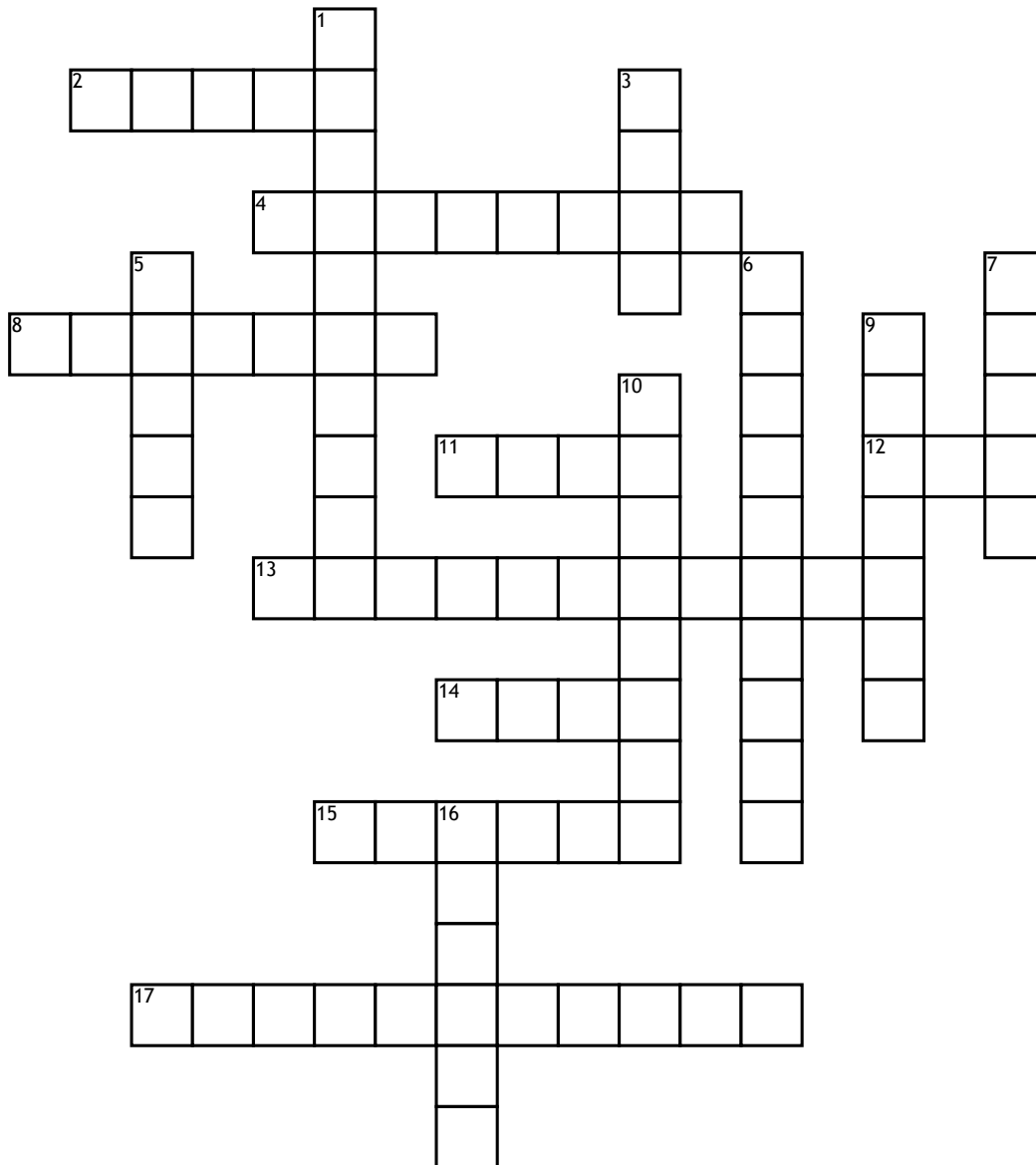


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# DNA and RNA Crossword



## Across

2. Proteins are made of \_\_\_\_\_ acids
4. This base pairs with guanine
8. Adenine and guanine are categorized as \_\_\_\_\_ because they have two rings
11. The sugar in the sugar phosphate backbone consists of this many carbons
12. Pyrimidines are classified as such because they have a \_\_\_\_\_ ring structure.
13. The sugar in DNA is know as \_\_\_\_\_.
14. This type of RNA helps makes ribosomes

15. DNA has a \_\_\_\_\_ helix structure.

17. The process in which DNA makes a new copy of itself is known as DNA \_\_\_\_\_.

## Down

1. This enzyme matches new base pairs in the complementary strand of new DNA.
3. Which type of RNA acts as a messenger?
5. Watson and \_\_\_\_\_ are the scientists credited for the discovery of the DNA helix.

6. A \_\_\_\_\_ consists of a base, a sugar and a phosphate group
7. How many phosphates are in the phosphate group in the nucleotide?
9. The process in which cells make new proteins is \_\_\_\_\_ synthesis
10. The enzyme used to unzip the DNA during DNA replication is DNA \_\_\_\_\_.
16. This base pairs with Adenine but only for RNA