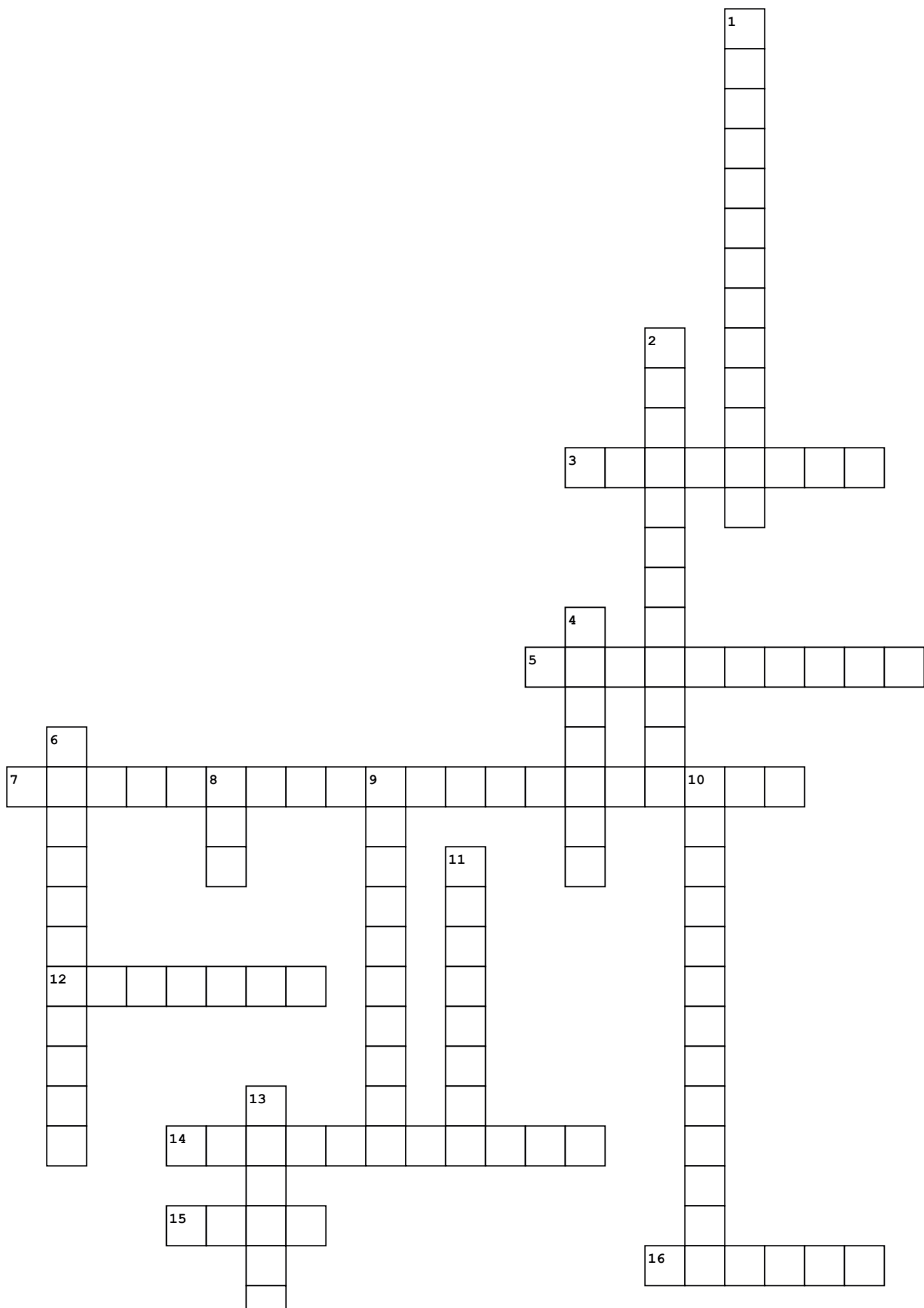


Day Twelve Vocabulary Crossword





Across

- 3. a pyrimidine base, $C_4H_5N_3O$
- 5. threadlike bodies, consisting of chromatin, that carry the genes in a linear order
- 7. Scientific term for DNA
- 12. a purine base, $C_5H_5N_5$,
- 14. the structure of DNA
- 15. messenger RNA.
- 16. a full set of chromosomes; all the inheritable traits of an organism.

Down

- 1. any of a class of enzymes involved in the synthesis of deoxyribonucleic acid from its deoxyribonucleoside triphosphate precursors.
- 2. a theory stating that genetic information flows only in one direction, from DNA, to RNA, to protein, or RNA directly to protein.
- 4. a pyrimidine base, $C_5H_6N_2O_2$,
- 6. the act or process of replicating, especially for experimental purposes.
- 8. ribonucleic acid:
- 9. a group of molecules that, when linked together, form the building blocks of DNA or RNA
- 10. the rule of dna replication
- 11. any of the enzymes that use the energy derived from the hydrolysis of nucleoside triphosphates to unwind the double-stranded helical structure of nucleic acids:
- 13. a purine base, $C_5H_5N_5O$