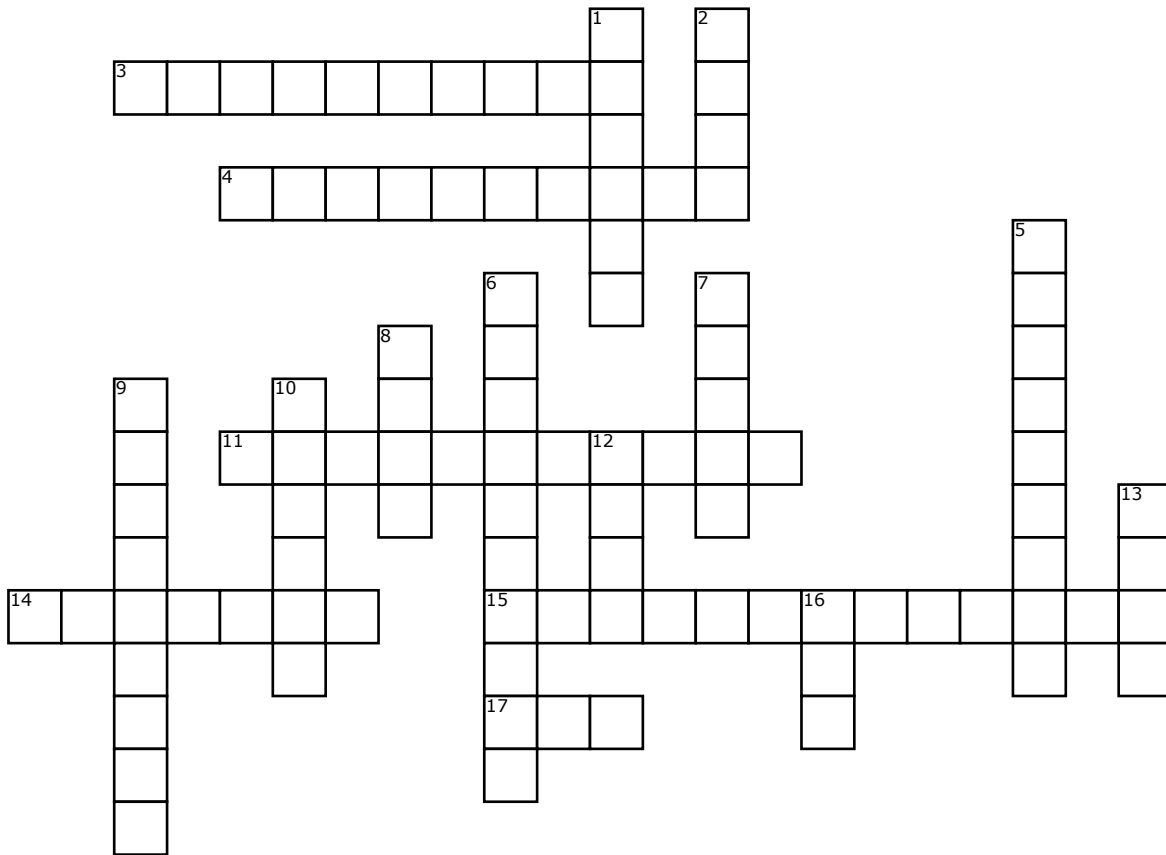


# Protein Synthesis



## **Across**

**3.** An enzyme that brings about the formation of a particular polymer, especially DNA or RNA

**4.** A threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes

**11.** The process of making a protein from mRNA

**14.** Determines the characteristics of organisms

**15.** The process of making mRNA from DNA

**17.** Deoxyribonucleic acid

## **Down**

**1.** All of an organism's genes

**2.** A short section of DNA that contains instructions for making a specific protein

**5.** To make

**6.** Building blocks of DNA

**7.** Codes for one amino acid

**8.** Messenger RNA

**9.** Building blocks of proteins

**10.** A compound found in living tissue as a constituent base of RNA. In DNA its place is taken by thymine.

**12.** Transfer RNA

**13.** Ribosomal RNA

**16.** Ribonucleic acid