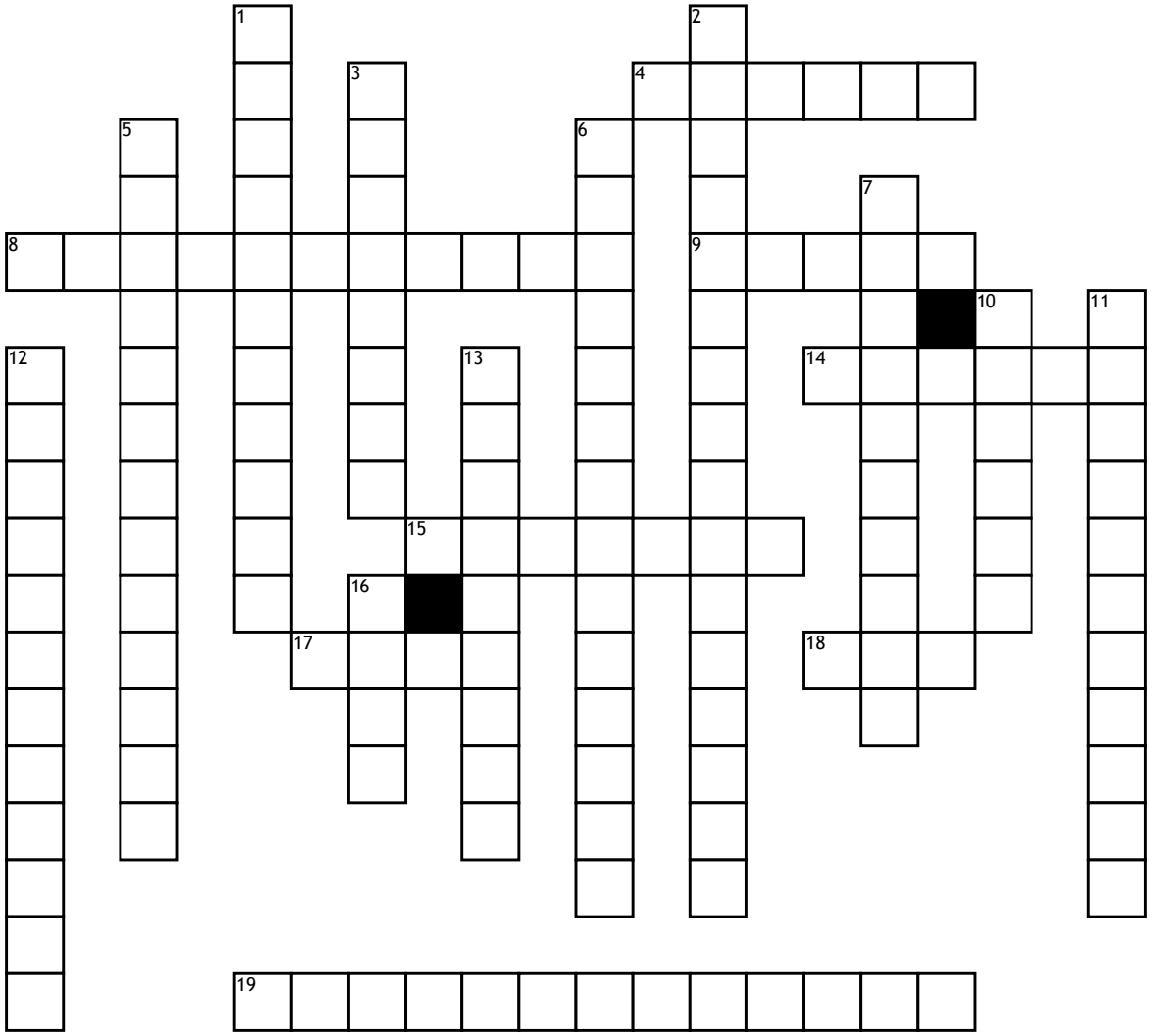
Unit 8 RNA & Protein Synthesis



Across

4. Nitrogen base only found in RNA
8. The process when RNA is read to form polypeptide chains
9. Portions of RNA that are not discarded but spliced back together after editing
14. five carbon sugar in a nucleotide and in RNA
15. Portions that are cut out and discarded when RNA is being edited
17. Hold the nucleotides that are the anticodons
18. Nucleotides only found in the nucleus
19. The enzyme that binds to DNA during transcription

Down

1. Carries the amino acids to the ribosome and matches them to the codon
2. What process are we studying in Unit 8?
3. Nitrogen base only found in DNA
5. The process of using DNA to produce complementary RNA molecules
6. The way in which DNA, RNA and proteins are involved in putting genetic information into action in living cells
7. The three nucleotides carried by the tRNA are called
10. the three letter sections of mRNA are called
11. Sugar component of DNA
12. Codes for amino acids
13. monomer of a polypeptide
16. Carries copies of instructions for protein synthesis from the nucleus