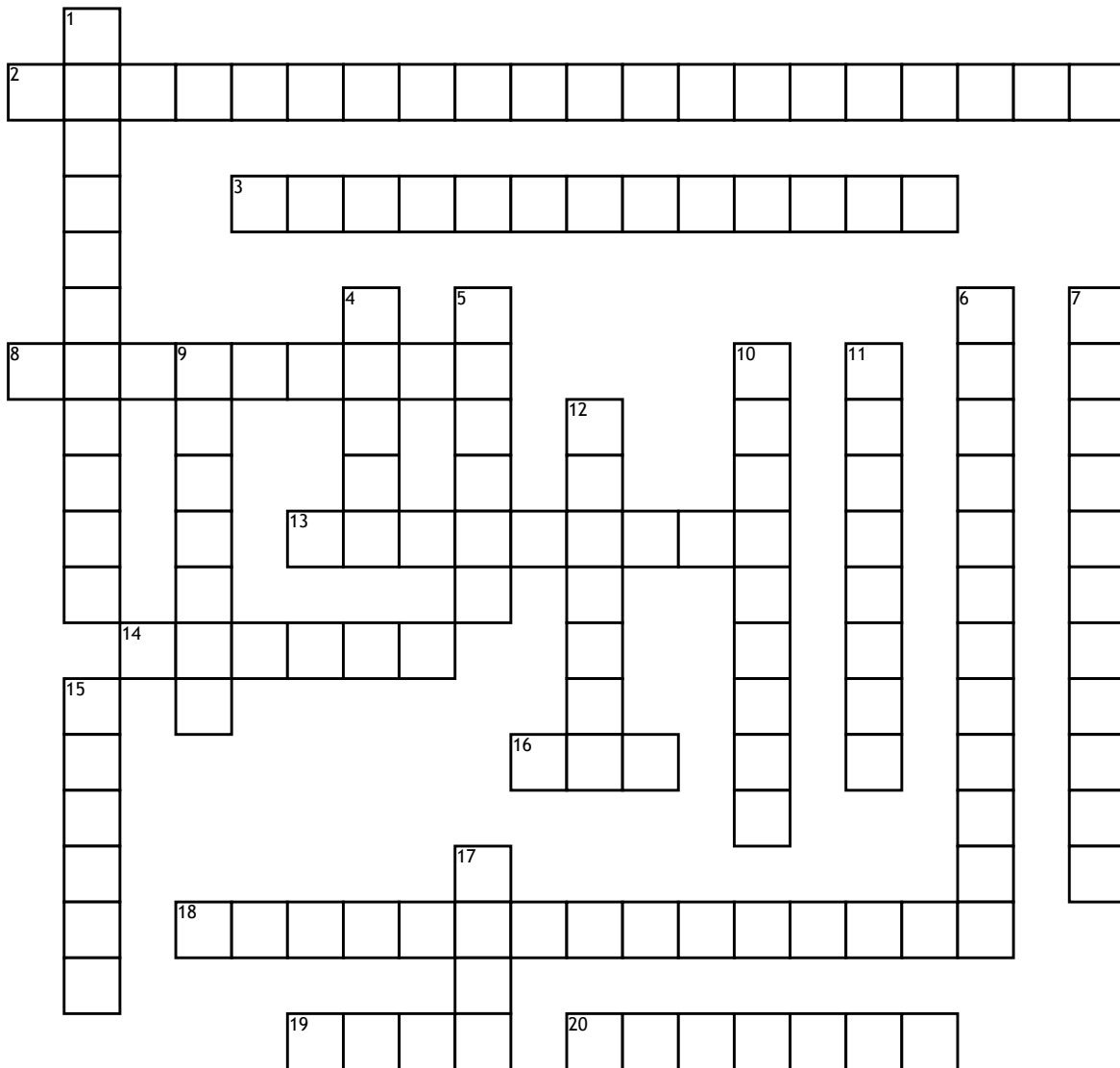


Protein Synthesis



Across

2. Which of our nucleic acids is permanent, big, and trapped in the nucleus?

3. The process of copying DNA into an mRNA molecule

8. The total number of codons found in the mRNA "language?"

13. The 3-nucleotide sequence carried by tRNA to ensure proper protein formation.

14. The _____ that catalyzes the formation of mRNA is known as RNA Polymerase.

16. The nucleic acid that is able to leave the nucleus and travel through the cytoplasm.

18. Which of our nucleic acids is temporary?

19. The four letters used to represent the nucleotide bases that make up a DNA molecule.

20. The site of transcription.

Down

1. The sugar that is found in DNA

4. An mRNA sequence that codes for a specific amino acid.

5. The RNA nucleotide that is used in place of thymine.

6. The structure of RNA (two words).

7. The structure of DNA

9. The nucleotide that pairs with Adenine in a DNA molecule.

10. Carried by the tRNA to the ribosome.

11. The site of translation?

12. The end product of translation

15. The number of standard amino acids encoded by DNA?

17. The four nucleotide bases that are used to make up RNA molecules.