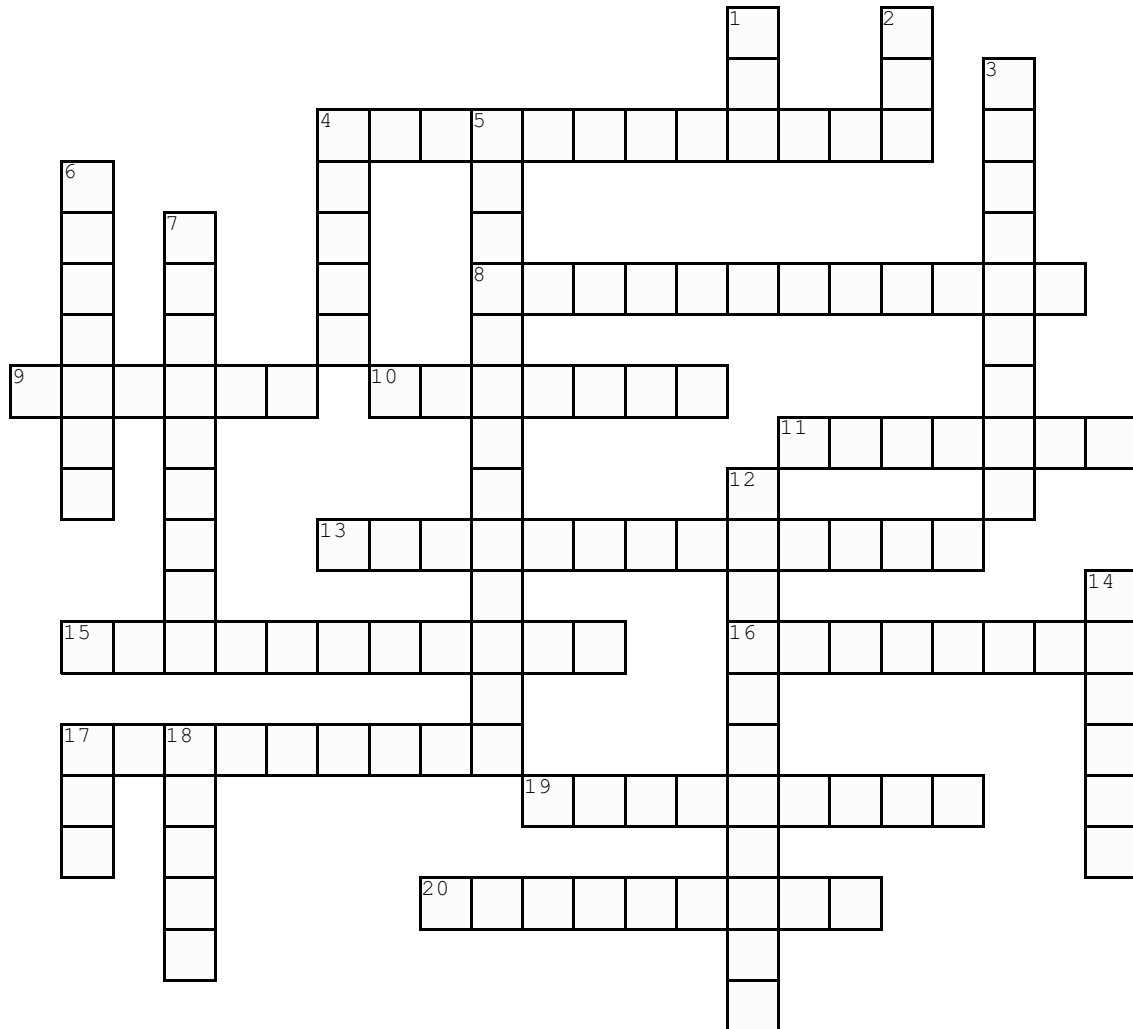


Name: _____

Protein Synthesis

Complete the crossword below



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Across

4. DNA to RNA to protein
8. The holes through which mRNA leave after transcription.
9. The sugar in RNA.
10. Location for transcription
11. Combines with rRNA to make a ribosome
13. Enzyme that attaches RNA nucleotides to the DNA template strand so it can be copied.
15. Chain of amino acids made during translation.
16. Clover-leaf shaped RNA that carries amino acids to ribosomes.
17. 3 nucleotides on tRNA that match to a specific codon on mRNA
19. Where ribosomes are made in a cell.
20. The number of codons that exist.

Down

1. Number of subunits in a ribosome.
2. Instructions for making proteins in cells.
3. Type of RNA small enough to fit through pores of nuclear envelope.
4. 3 bases in a row on RNA that are used to help put amino acids in the correct order.
5. mRNA copying DNA's sequence.
6. Amino acid coded for by GGU, GGC, GGA, or GGG.
7. Type of RNA that helps make up ribosomes.
12. Join amino acids together in a polypeptide chain.
14. Base on RNA that matches to adenine on DNA.
17. Start codon.
18. Number of tRNA sites inside a ribosome.