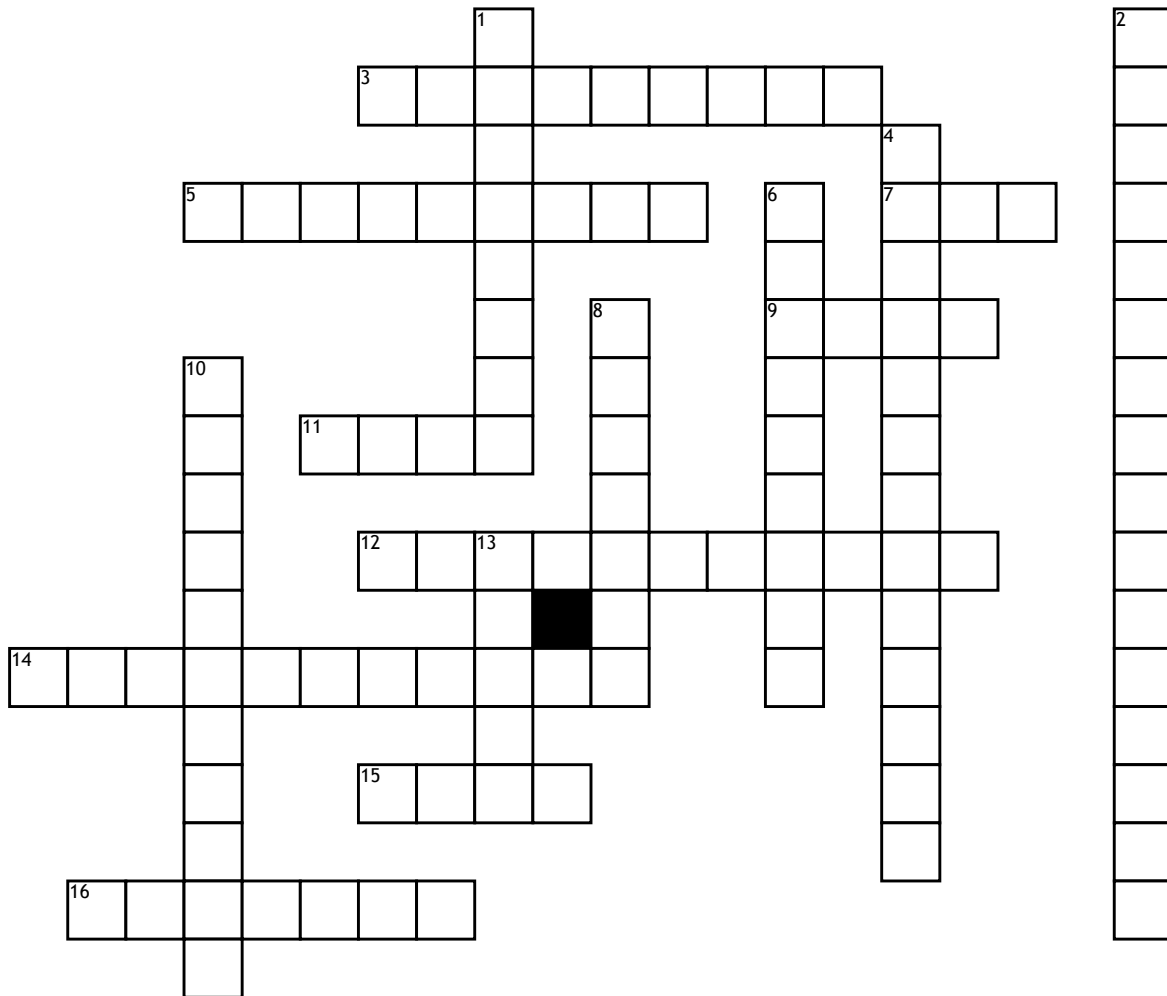


Name: _____

Date: _____

Protein Synthesis



Across

- 3. Building blocks of proteins; taken to the ribosomes by tRNA
- 5. 3 nucleotides tRNA that match up with mRNA and bring along and amino acid: ex: UCC or GCA
- 7. Type of nucleic acid; single stand; carries code from DNA in nucleus out of ribosomes
- 9. Type of nucleic acid; grabs amino acids out in cytoplasm and takes them to ribosome
- 11. Segment of DNA that codes for protein or a trait

12. Macromolecules like DNA and RNA; made of nucleotides

14. Building blocks or nucleic acids; made of sugar, phosphate, nitrogen-base

15. Type of nucleic acid; makes ribosome

16. Macromolecule made from code of DNA by joining amino acids together at ribosome

Down

- 1. Specific organelle where protein synthesis takes places; made of rRNA
- 2. Fancy name for “making protein”; takes place at ribosome

4. Takes place in nucleus where code from DNA is made into mRNA

6. General location where protein at the takes place

8. Location of DNA and where mRNA is made

10. Takes place in the cytoplasm at the ribosome and code from mRNA is made into protein

13. 3 nucleotides of mRNA that code for one amino acid; ex: AGG or CGU