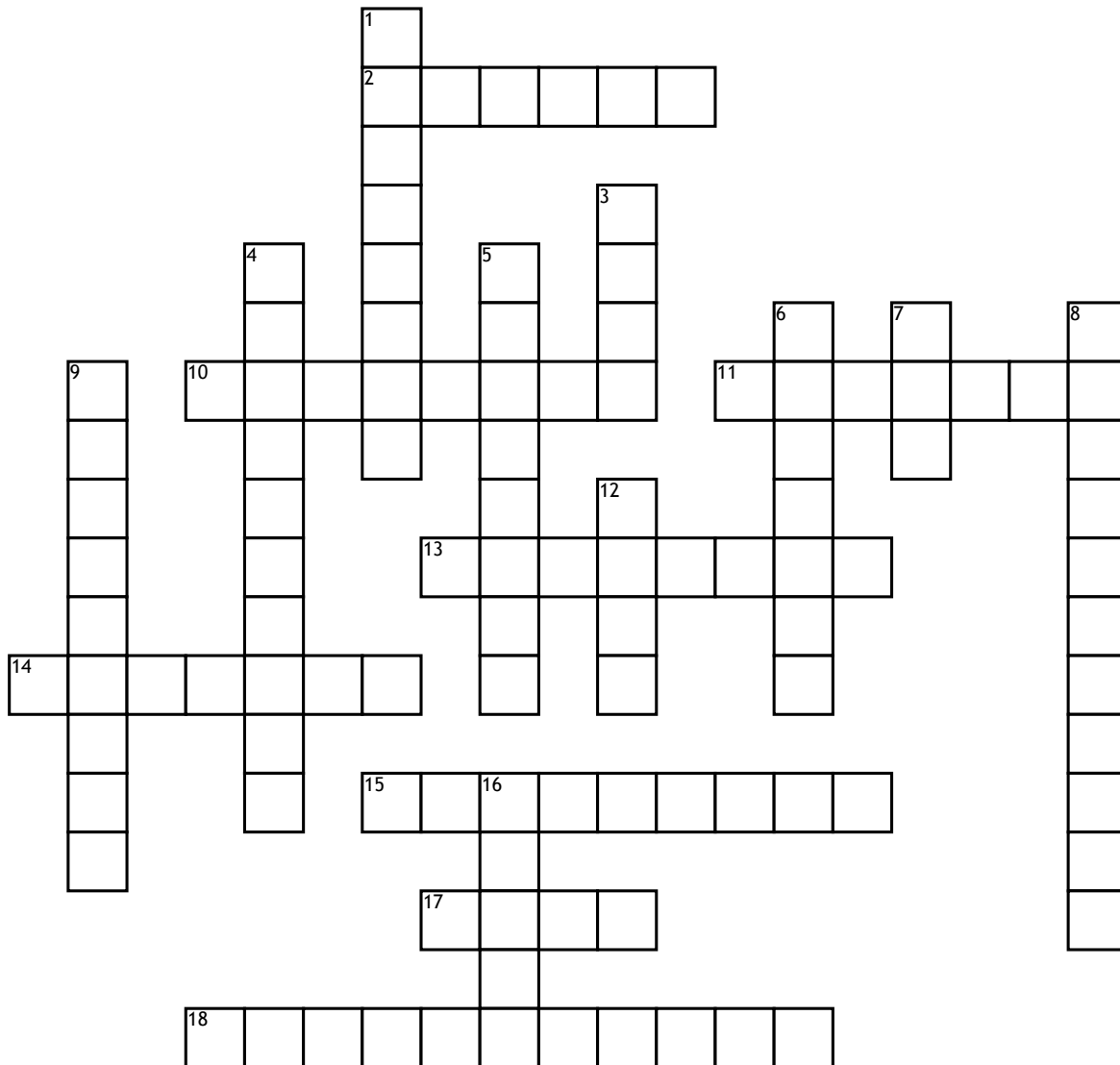


Name: _____

Date: _____

DNA and RNA Review



Across

2. Nitrogen base that pairs with Adenine in RNA

10. Where does protein synthesis take place

11. Pairs with cytosine in DNA

13. The order of _____ bases along a gene determines the protein that is made

14. Pairs with Adenine in DNA

15. RNA can leave the nucleus and go to a ribosome in the _____

17. This type of RNA brings amino acids to the ribosome

18. Shape of DNA; twisted latter

Down

1. Permanent change in gene or chromosome

3. Section of DNA that codes for a trait (protein)

4. Building blocks of proteins

5. Protein synthesis is the process of making _____

6. Where is DNA found

7. Deoxyribonucleic Acid

8. Process of duplicating DNA; used during cell reproduction

9. A nucleotide consists of a sugar, nitrogen base and a _____ group

12. Travels to ribosomes in the cytoplasm for protein synthesis - is a copy of DNA

16. Sequences of mRNA are read in groups of _____ by the ribosomes