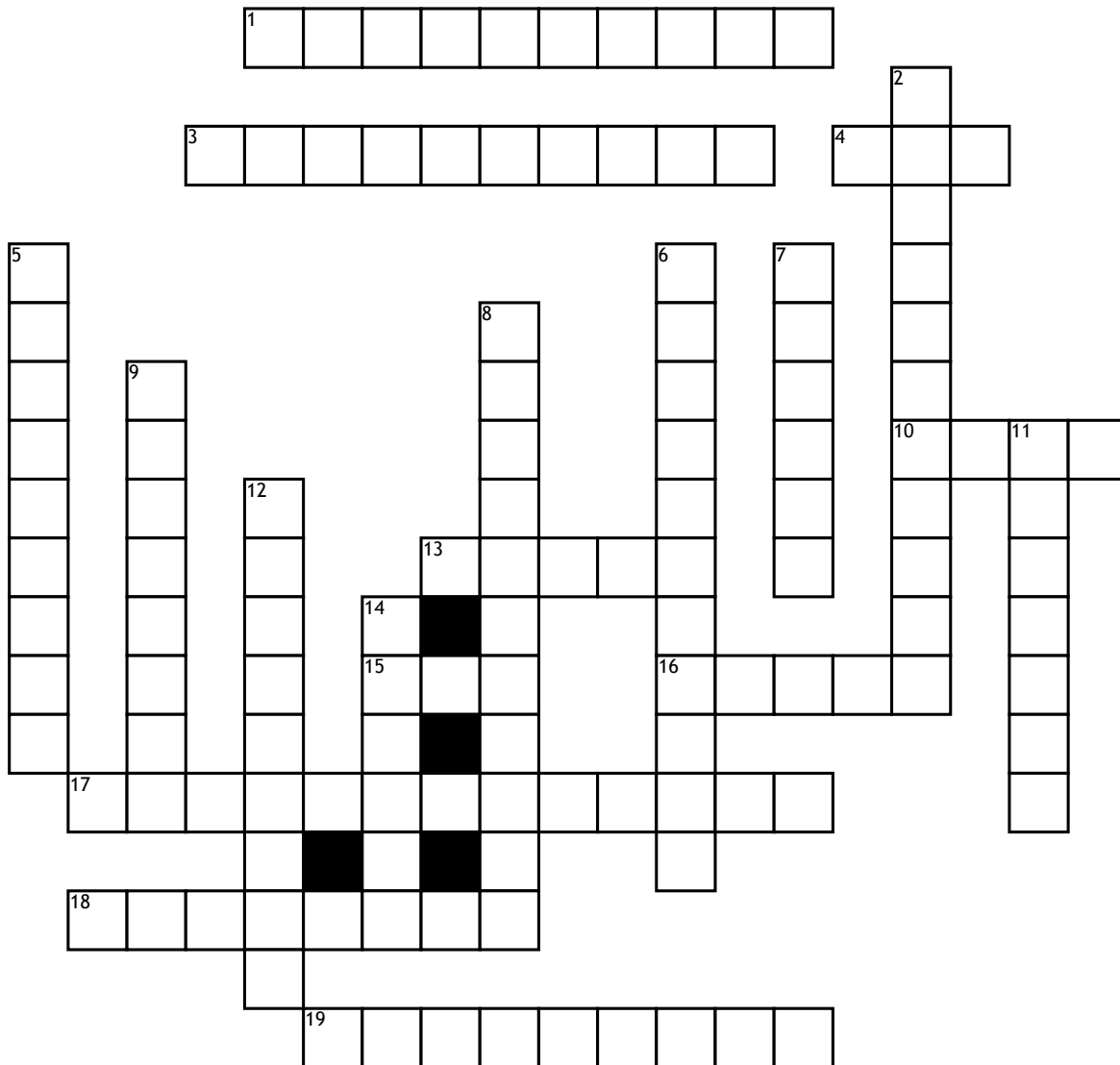


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 10 Structure and Function of DNA



## Across

1. when RNA polymerase reaches the \_\_\_\_\_, transcription stops  
 3. enzyme responsible for initiation of transcription: RNA \_\_\_\_\_  
 4. the start codon  
 10. modifications to mRNA include adding a cap and \_\_\_\_\_  
 13. location on the ribosome where the initiator tRNA binds  
 15. single stranded nucleotide  
 16. coding regions of RNA that are expressed

17. transfer of genetic information from DNA into RNA  
 18. used x-ray diffraction to determine structure of DNA  
 19. special triplet code found on tRNA

## Down

2. monomers of nucleic acids  
 5. during translation, elongation continues until a \_\_\_\_\_ reaches the ribosome's A site  
 6. shape of DNA molecule  
 7. 64 \_\_\_\_\_ correspond to 20 different amino acids

8. production of polypeptide from mRNA  
 9. The 'start transcribing' nucleotide sequence in transcription  
 11. regions of RNA that are non-coding  
 12. ACU in mRNA codes for which amino acid  
 14. base pair with adenine in RNA