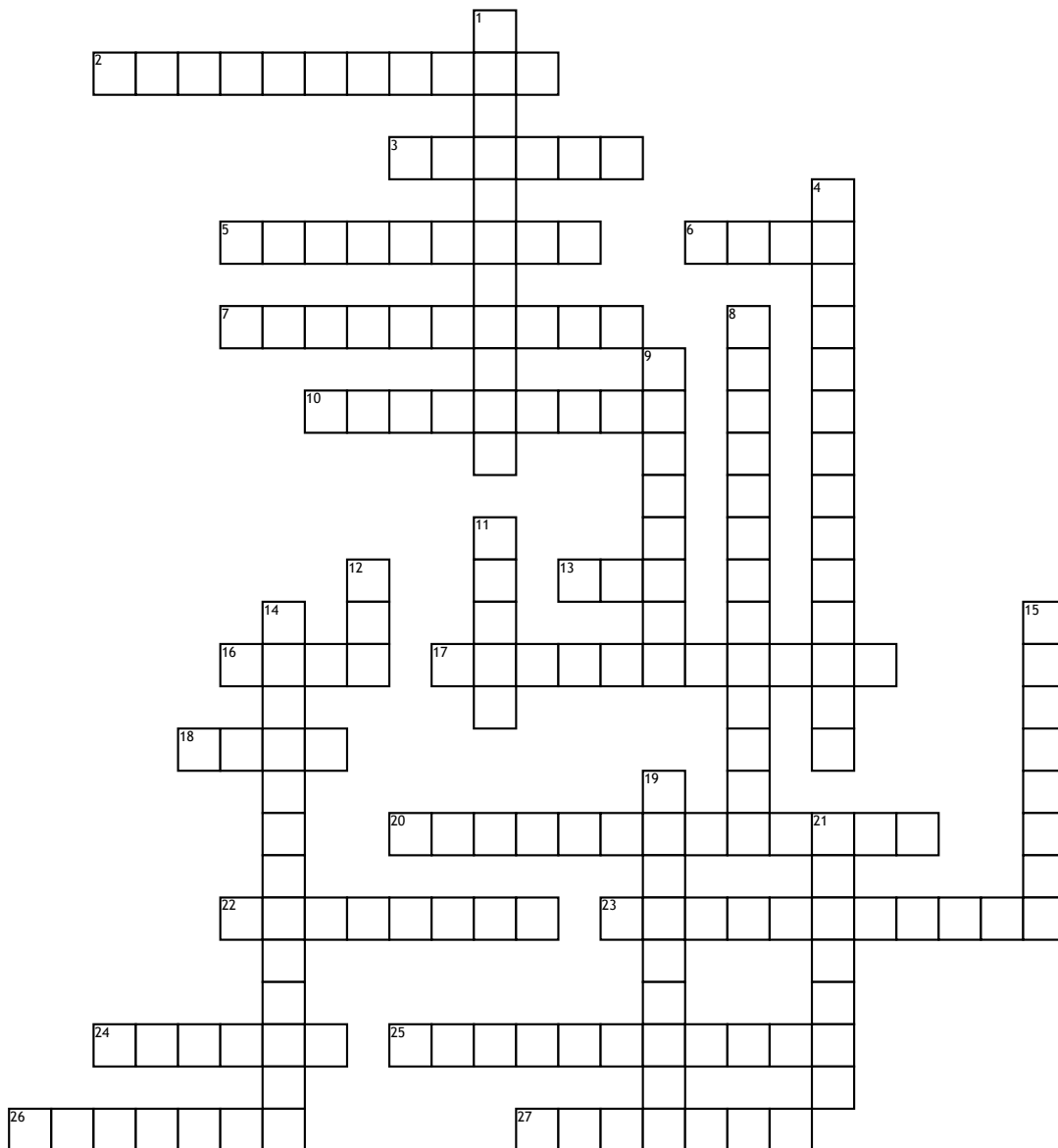


Name: _____ Date: _____ Period: _____

Protein Synthesis Crossword Puzzle



Across

2. Condensed packages of DNA
3. Variation of a gene
5. Monomer of a protein
6. RNA molecule that carries the genetic code through the nuclear pore to the ribosome
7. Monomer of DNA and RNA
10. The physical appearance of a trait
13. Nickname for deoxyribose sugar
16. RNA molecule that brings the amino acid to the ribosome and matches it with codons
17. Shape of DNA
18. Section of DNA

20. Enzyme that builds mRNA strand from DNA template

22. The protein that DNA is tightly wrapped around on chromosomes
23. A chain of amino acids
24. Complementary base pair for adenine on RNA
25. Reading the genetic code to make a meaningful amino acid sequence
26. Carrier of genetic trait that produces the phenotype
27. Complementary base pair for adenine on DNA

Down

1. Process of making copies of DNA

4. Scientists who discovered DNA structure

8. Enzyme that builds DNA copy from the template
9. Enzyme that breaks DNA strand apart; unzips
11. Triplet of nitrogen bases
12. One-stranded genetic code
14. Writing the genetic code down in mRNA form
15. Organelle where translation occurs
19. Where transcription occurs
21. The complementary base pair for thymine on RNA