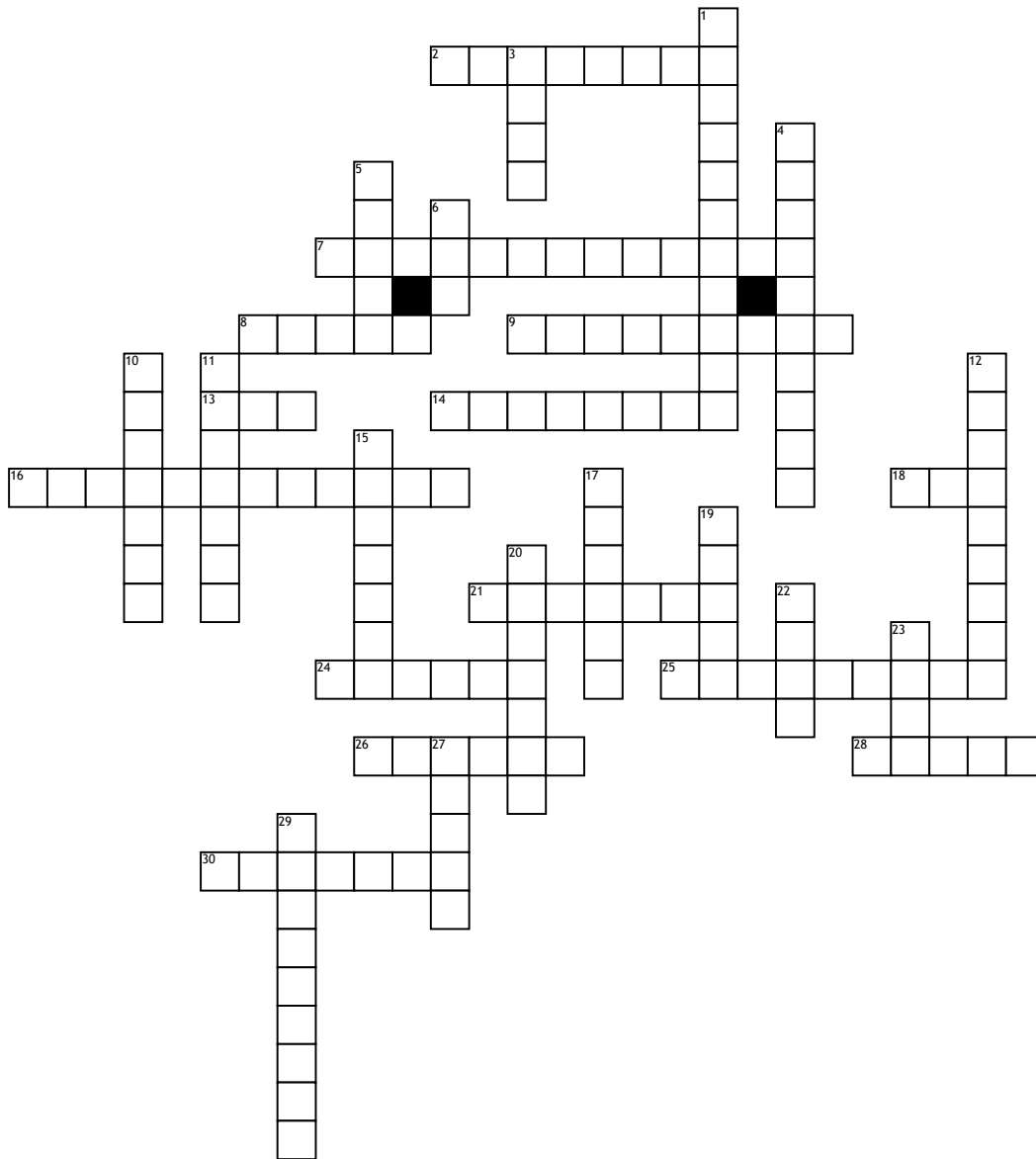


Biology Study Guide (2)



Across

2. What is the other nitrogenous base along with adenine, guanine, and thymine?
7. What is the first step of protein synthesis?
8. What material is not moved in diffusion?
9. rRNA is what kind of RNA?
13. What is the energy used in active transport?
14. What are the sides of DNA called?
16. In osmosis, water is transported through the what?
18. Only ___% of DNA is used to code for proteins.
21. Active transport uses what kind of protein?
24. The DNA in a single human is about 2 _____ long.

25. Proteins are used to _____ and store materials.
26. A low to high concentration gradient is active or passive transportation?
28. How many nucleotides are in a single codon?
30. Adenine pairs up with what nitrogenous base?

Down

1. The sugar in DNA is _____.
3. What type of RNA brings the amino acid to the mRNA strand?
4. What are the "building blocks" of a protein?
5. What kind of molecules are transported in exocytosis?
6. mRNA is the copy of what?
10. In translation, mRNA exits the what?

11. You get your genes from your _____.
12. DNA is the _____ for structures in living things.
15. Is facilitated diffusion active or passive transportation?
17. What is needed in active transport?
19. What is it called when proteins don't function correctly?
20. Have we learned more passive or active cellular transport mechanisms?
22. What is a segment of DNA that codes for proteins?
23. Is endocytosis low to high or high to low movement of concentration gradient?
27. How many bases does the ribosome read at a time?
29. Where is tRNA found?