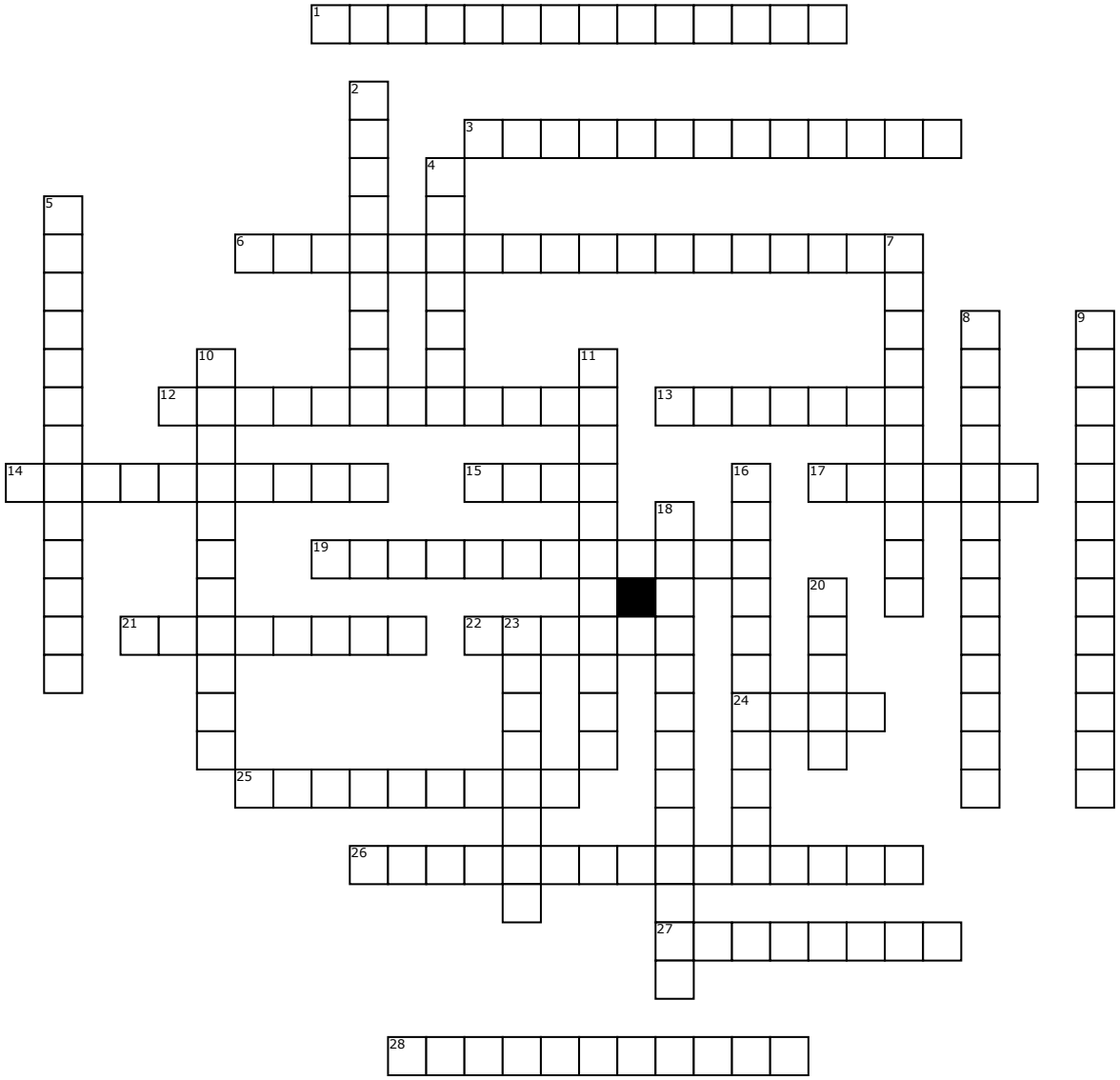
chapter 12 biology



Across

1. 1 strand of bacteria is changed by a gene

3. binds to dna and separates strands during transcriptions

6. mutation that shifts the reading frame

12. carries copies if instructions

13. controls the differentiation of cells and tissue

14. extra set of chromosomes

15. sequence of dna with proteins and traits

17. not involved in coding for proteins

19. helps assemble proteins

21. change in the dna sequence

22. genes operating together

24. codes for proteins

25. trna molecule that are complimentary to a mrna codon

26. cells become specialized

27. operon is turned off

28. decoding of mrna into a chain

Down

2. dna coiled in around proteins

4. dna coiled in the chromatin

5. virus that infects bacteria

7. monomer of nucleic acids

8. enzyme involved in replication

9. changes in 1 or few nucleotides

10. cell duplicates its dna

11. A=T and G=C

16. transfers amino acids

18. dna copied into a rna sequence

20. 3 nucleotide sequence on messenger rna

23. dna enzyme binds to make rna

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