6.1 Direcrted Reading: What Does DNA Look Like?

1. D

2. A

3. B

4. give instructions for building and maintaining cells and be able to be copied each time a cell divides

5. so that each cell contains an identical set of genes

6. complex

7. a sugar, a phosphate, and a base

8. adenine, thymine, guanine, cytosine

9. A, T, G, C

10. adenine

11. cytosine

12. X-ray diffraction

13. spiral

14. a long, twisted ladder

15. how DNA is copied and how it functions in the cell

16. double helix

17. alternating sugar and phosphate molecules

18. a pair of bases

19. B

20. A

21. The matching bases are always present in equal amounts.

22. replicate

23. complementary

24. down the middle

25. complementary nucleotides

26. every time a cell divides

27. proteins