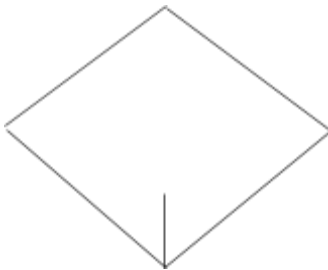


1. B
 2. D
 3. D
 4. Prophase, Metaphase, Anaphase, Telophase
 5. Failure of a pair of homologous chromosomes to separate in meiosis I, failure of sister chromatids to separate during meiosis II, and failure of sister chromatids to separate during mitosis.
 6. A phosphate group, a deoxyribose sugar, and heterocyclic rings.
 7. 1. ACTAGCTAU 2.TACACTGAT 3.AUACGTGA 4.CGTAACGT 5.TTAAAACC
6.GCTAAAAT 7.AATACCGG 8.CCAATAGG 9.TTGGCCAA 10.AAAACCGT
 8. Section I- 1 Section II- 3 Section III- 3
 9. Section I- 1 Section II- 3 Section III- 3
 10. Autosomal
 11. Down Syndrome and there is a third 21 chromosome
 12. Turner's syndrome is when a female is missing an X chromosome
 13. Klinefelter's syndrome is when a male has an extra X chromosome
 14. 100%
 15. XY
 16. XX
 17. AA (answer may depend, just 2 of the same letters are needed, either capitalized or lowercase)
 18. Aa (answer may depend, just one uppercase and one lowercase pair like the example is needed)
 19. 1:2:1
 20. 3:1
 21. It is when genetic factors and environmental factors come into play to form an 'affected' living thing. They are what individualize a person. (Answers may vary)
 22. True
 23. True
 24. False
 25. tRNA, mRNA, rRNA
- Tie Breakers
Mendel's Law of Dominance



Drawing should look something like this