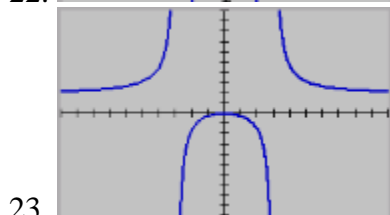
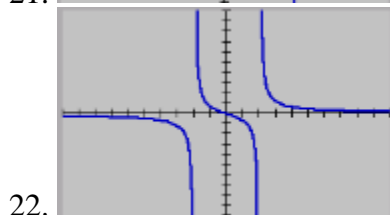
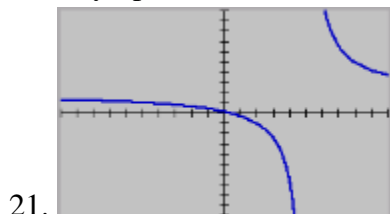
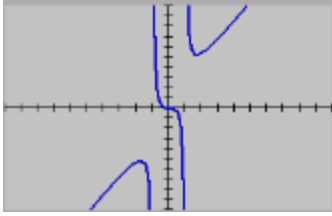


Chapter 2 and Graphing Study Guide Answers

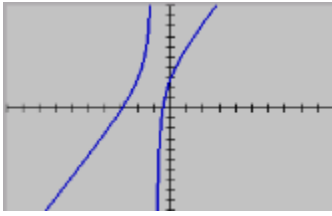
1. $-12 - 6i$
2. $23 + 14i$
3. $\frac{-7-9i}{13}$
4. i
5. $9 + i$
6. 37
7. $40 + 65i$
8. $-26 + 7i$
9. $1 - 6i$
10. -80
11. $9 + 20i$
12. i
13. Asymptotes: $y = -1, x = -3$
14. Asymptotes: $y = 4, x = 8$
15. Asymptotes: $y = 0, x = -3, x = 6$
16. Asymptotes: $y = 2, x = -3, x = 6$
17. Asymptotes: $y = -1, x = 7$
18. Asymptotes: $y = 2, x = \pm\sqrt{\frac{3}{2}}$
19. Asymptotes: $y = 1, x = -1$, Hole: $x = 1$
20. Asymptotes: $x = 1, x = 2, y = x + 6$



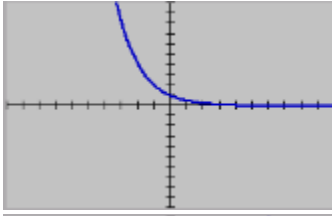
24.



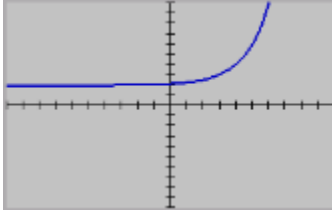
25.



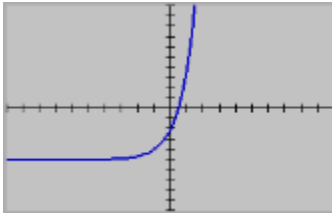
26.



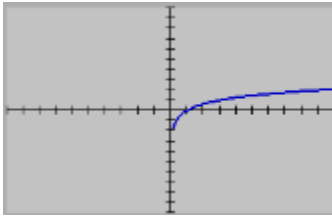
27.



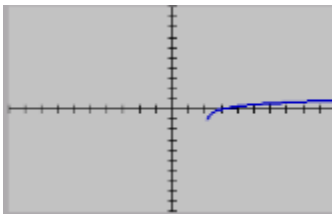
28.



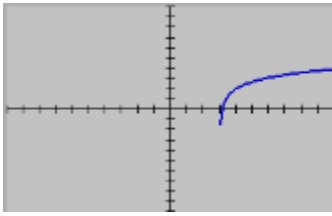
29.



30.



31.



$$32. \frac{2}{5}$$

$$33. 95$$

$$34. 0$$

$$35. -1$$

$$36. 4$$

$$37. 5$$

$$38. 7$$

$$39. 2$$