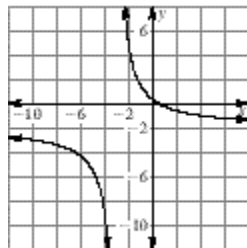


Answer Key

Test C

1. $x = \pm 8$ 2. $x = \pm 12$ 3. $x = -\frac{4}{9}$
4. $x = 4$ 5. The \$26.99 shirt is the better buy.
6. \$9.35 7. 20 feet 8. 40% 9. \$175
10. $y = \frac{3}{2}x$ 11. $y = \frac{5}{6}x$ 12. $y = \frac{75}{x}$
13. $y = \frac{26}{x}$ 14. $\frac{1}{3x}$ 15. $\frac{x-4}{x(x+1)}$
16. $x = -2$ and $x = -4$ 17. $x = \pm 3$
18. $\frac{2(x-8)}{3x(x+5)}$ 19. $\frac{x-3}{2x(x-4)}$ 20. $\frac{5x+4}{x-7}$
21. $\frac{-x+2}{x+8}$ 22. $\frac{3x^2-2x-11}{(x+1)(x-2)}$
23. $\frac{-x^3-4x^2+11x+37}{(x+3)(x-3)(x+4)}$ 24. $3x-2$
25. $3x-8$ 26. $3x+1$ 27. $x = -7$
28. $x = 7$ 29. $x = 0$ and $x = -2$
30. $x = -\frac{1}{3}$ and $x = 5$

31.



32.

