

Answer Key

Practice B

1. $y = (x - 2)^2 + 3$
2. $y = (x + 1)^2 + 4$
3. $y = (x + 2)^2 + 1$
4. $y = (x - 4)^2 + 2$
5. $y = (x + 3)^2 - 1$
6. $y = (x + 1)^2 - 5$
7. $y = (x - 3)^2 - 1$
8. $y = (x - 4)^2 - 5$
9. $y = (x + 6)^2$
10. $y = (x - 2)(x - 4)$
11. $y = (x - 3)(x - 5)$
12. $y = (x + 1)(x + 4)$
13. $y = (x + 2)(x + 6)$
14. $y = (x + 5)(x - 4)$
15. $y = (x + 1)(x - 7)$
16. $y = 2x(x + 5)$
17. $y = 4x(x - 3)$
18. $y = \frac{1}{2}(x + 8)(x - 2)$
19. $y = 2x^2 + x - 2$
20. $y = x^2 + x - 7$
21. $y = 2x^2 + x - 3$
22. $y = x^2 + x + 4$
23. $y = 3x^2 - x + 1$
24. $y = 2x^2 - 4x - 5$
25. $y = x^2 - 2x + 4$
26. $y = x^2 - 3x - 2$
27. $y = -x^2 + 3$
28. $P = -0.23t^2 + 2.03t + 22.93$
29. $V = 0.03t^2 - 1.17t + 70.30$