Answers for Lesson 6-3, pp. 273–275 Exercises

1. like
2. Distribute −4.
3. C
4. A
5. B
6. 5
7. −2
8. 3
9. 7
10. −3
11. −10
12. −5
13. 31
14. −11
15. 2
16. 10
17. 9
18. 21
19. 16
20. 2 lb
21. 5 oz
22. 41 h
23. $n + n + 1 = -45$; −23 and −22
24. $n + (n + 1) + (n + 2) = 48$; 15, 16, and 17
25. $n + (n + 1) + (n + 2) = -255$; −86, −85, −84
26. Yes; as long as you do the same operation to each side, the order of the steps does not affect the solution.
27. −1
28. 5
29. 10
30. 5
31. $4m + 5 = 21$; $m = 4$ ft
32. $3y + 505 = 1{,}000$; $y = 165$ in., $2y = 330$ in.
33. $1.30; answers may vary.
34. 2.12
35. C
36. H
37. C
38. 44
39. −75
40. −128

© Pearson Education, Inc., publishing as Pearson Prentice Hall. All rights reserved.