

Practice Level A

1. $3\sqrt{2}$ 2. $4\sqrt{3}$ 3. $2\sqrt{5}$ 4. $7\sqrt{2}$ 5. $27\sqrt{3}$
6. $2\sqrt{21}$ 7. $\frac{5}{4}$ 8. $\frac{7}{3}$ 9. 2 10. $3\sqrt{3}$ 11. $\sqrt{15}$
12. $\frac{2\sqrt{3}}{5}$ 13. $\frac{3-\sqrt{3}}{6}$ 14. $\frac{10+2\sqrt{6}}{19}$ 15. $\frac{\sqrt{5}}{5}$
16. ± 4 17. ± 12 18. ± 11 19. ± 2 20. ± 8
21. $\pm 2\sqrt{2}$ 22. ± 4 23. ± 5 24. ± 6 25. ± 1
26. $\pm\sqrt{7}$ 27. ± 7 28. ± 2 29. $\pm\sqrt{3}$
30. $\pm 3\sqrt{2}$ 31. 2.5 sec 32. 3.5 sec
33. 5.48 sec 34. 6.12 sec 35. 6.85 sec
36. 8.66 sec 37. C 38. 1980

Lesson 4.5, continued**Practice Level B**

1. $11\sqrt{2}$ 2. $3\sqrt{17}$ 3. $2\sqrt{14}$ 4. $40\sqrt{42}$
5. $24\sqrt{15}$ 6. $2\sqrt{35}$ 7. $\frac{11}{15}$ 8. $\frac{2}{3}$ 9. $\sqrt{10}$
10. $\frac{12-3\sqrt{5}}{11}$ 11. $\frac{-15-3\sqrt{11}}{7}$
12. $\frac{70-7\sqrt{3}-10\sqrt{7}+\sqrt{21}}{97}$ 13. ± 17
14. ± 13 15. ± 16 16. ± 12 17. $\pm 4\sqrt{3}$
18. $\pm 2\sqrt{6}$ 19. $\pm\sqrt{14}$ 20. $\pm\sqrt{29}$ 21. ± 2
22. -8, 4 23. $3 \pm 2\sqrt{2}$ 24. $-3, \frac{5}{3}$ 25. $-\frac{3}{4}, \frac{13}{4}$
26. 0, 8 27. $-8 \pm 3\sqrt{11}$ 28. 3.16 sec
29. 4.33 sec 30. 5.86 sec 31. 6.57 sec
32. 7.5 sec 33. 10 sec 34. 9.43
35. 6.63 36. 40