Answers for Lesson 7-5 Exercises			
1. 16	2. 1	3. 22	4. 4
5. 23	6. $\frac{2}{3}$	7. 3, -13	8. 29, -25
9. 18	10. 78	11. 8	12. 0
13. about 30.6 f	ët 14. 4 in.	15. 3	16. 1
17. -3, -4	18. 9	19. 1	20. 1
21. 3	22. -2	23. 1	24. 6
25. 2	26. -2	27. 5	28. -3
29. 5			
30. -2			
of which	b. b. b. b. b. b. b. b. b. b. b. b. b. b	y intersect at diffe	rent points,
32. a. $s = \frac{\sqrt{2\sqrt{2}}}{3}$	$\overline{3}A$	33. B	
b. about 8.8 in.			
c. about 15.	.2 in.		
34. 8	35. 4	36. 5	37. 23
38. 1	39. 6.5	40. 9, -7	41. $\frac{81}{16}$
42. 9	43. 2	44. -1, -6	45. 2
46. 7	47. 25	48. 10	49. -1
50. $\frac{5}{4}$	51. $d = \frac{v^2}{64}$		
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52. Answers may vary. Sample: $\sqrt{x-3} = \sqrt{3x+5}$

53. 1 **54.** 0,2 **55.** 2 **56.** 0

- **57.** Plan 1: Use a calculator to evaluate $\sqrt{2} + 2$ and store the result as *x*. Evaluate $\sqrt{x} + 2$ and store the result as *x*. Continue this procedure about seven times until it becomes clear that the values are approaching 2. Plan 2: The given equation is equivalent to $x = \sqrt{2} + x$. Solve this equation to find that x = 2.
- **58. a.** A counterexample is a = 3, b = -3.
 - **b.** A counterexample is a = -5, b = 3.