Chapter 2 Test Key

1. Similar
2. Congruent
3. Perpendicular
4. reciprocals
5. undefined
6. zero
7. 53
8. congruent
9. d S-A-S Property of Triangles
10. a Angle-Side-Angle Property
11. b Angle-Angle-Angle Property
12. c Side-Side-Side Property
13. A-A-A
14. $13\sqrt{3}$
15. 8
16. 25 inches
17. 5
18. (c)
19. No
20. Yes
21. (*Start*) A B H I J K Q (*Finish*)
22. 11
23. Yes
24. No
25. Yes
26. (b) $y_2 - y_1$
27. (a) $x_2 - x_1$
28. rise
29. ratio
30. coordinates
31. -3
32. slope = 2; upward
33. intersect
34. perpendicular
35. intersect
36. slope $l_1 = -1$; slope $l_2 = {}^1/_6$; intersect
37. 4
38. 13
39. (b) 35 sq meters
40. 12 cubic inches
41. (b) Timothy 6; Jimmy 3
42. $16x + 49$
43. $10xy + 11xyz + 8$
44. $9x^3 + 4x^2 + 14x$
45. $\frac{2x+4y}{4}$ or $\frac{x+2y}{2}$
46. ${}^{ac}/_{bd}$
47. $\frac{4x+6y}{5}$
48. 81
49. $7x^2 + 12x + 27$
50. ${}^{13}/_2$ (or $6{}^1/_2$)
51. (c)
52. (d)
53. (a)
54. (b)
55. (c)

©Copyright 2005, Paradigm Accelerated Curriculum

©Copyright 2005, Paradigm Accelerated Curriculum