

SM2H 7.1-7.4 Quiz Review Answers

1. D
2. B
3. D
4. A
5. C
6. D
7. C
8. D
9. D
10. C
11. B
12. A
13. A and D
14. B
15. Adjacent Angles
16. Vertical
17. Adjacent, Linear Pair, Supplementary, and Sum is 180°
18. Adjacent and Sum is 180°
19. Adjacent and Complementary
20. Congruent
21. Supplementary
22. Adjacent and Complementary
23. Adjacent, Linear Pair and Supplementary
24. Alternate Exterior Angles
25. Corresponding Angles
26. Alternate Interior Angles
27. Same Side Interior Angles
28. 88° ; Vertical Angles Congruent
29. 34° ; Sum of angles is 180°
30. 37° ; Alternate Interior Angles Congruent
31. 39° ; Same Side Interior Angles Supplementary
32. $x = 8$
33. $x = -9$
34. $x = 68^\circ$
35. $x = 24$
36. $y = 15$
37. $y = 5$
38. $x = 26$
39. $y = 11$
40. $x = 3$
41. Not Parallel; Ratios are not equal
42. Parallel; Ratios are equal
43. $m\angle 1 = 32.5^\circ$ $m\angle 2 = 115^\circ$ $m\angle 3 = 65^\circ$
 $m\angle 4 = 65^\circ$ $m\angle 5 = 50^\circ$ $m\angle 6 = 97.5^\circ$
 $m\angle 7 = 32.5^\circ$ $m\angle 8 = 147.5^\circ$
44. $x = 6$; Alternate Exterior Angles Congruent
45. $x = 3$; Alternate Interior Angles Congruent
46. $x = 6$; Same Side Interior Angles Supplementary
47. $x = 4$; $AC = 24$
48. $x = 4$; $AM = 36$; $MB = 36$
49. $x = 8$
50. $x = 5$