

SM2H 6.2 Answers

1. Tangent, tangency
2. Radius
3. Chord
4. Diameter
5. Secant
6. Interior
7. Point of tangency
8. \overline{MN}
9. Chord
10. \overline{RQ}
11. Radius
12. \overline{LP}
13. $\overline{JF}, \overline{BD}, \overline{CG}$
14. \overline{HG}
15. \overline{GC}
16. $\overline{AE}, \overline{AG}, \overline{AC}$
17. G
18. A
19. angle GAE
20. \overline{JF}
21. $m\widehat{AB} = 65^\circ$
22. $m\widehat{ADB} = 295^\circ$
23. 100°
24. 70°
25. 150°
26. 180°
27. 210°
28. 110°
29. 100° central angle
30. 50° inscribed angle
31. 80° BD is a diameter so arcBAD sums to 180°
32. 80° central angle
33. 40° inscribed angle
34. 180° BD is a diameter
35. 90° inscribed angle
36. 50° inscribed angle
37. 104°
38. 85°
39. 232°
40. 92.5
41. 90
42. 110
43. $X=98, y=102$
44. $X=25, y=90$
45. $X=110, Y=65$
46. 64°
47. 120°
48. 64°
49. 60° Central angle
50. 70° arcJK= 180°
51. 25° inscribed angle
52. 80° inscribed angle = 40°
53. 60° central angle
54. 120° arcJGK= 180°
55. 40° arcJGK= 180°
56. 180° JK is a diameter
57. (2, 3)
58. (2, 1)
59. $(x-9)(x+4)$
60. $(x-7)(x-2)$
61. $3(x+5)(x+3)$