

SM2 12.2 answers

1. $x = 77.5^\circ$

2. $x = 70^\circ$

3. $x = 90^\circ$

4. $x = 69^\circ$

5. $x = 110^\circ$

6. $x = 95^\circ$

7. $x = 98^\circ, y = 102^\circ$

8. $x = 110^\circ, y = 65^\circ$

9. $x = 114^\circ, y = 66^\circ$

10. $x = 25^\circ, y = 90^\circ$

11. $x = 64^\circ, y = 90^\circ$

12. $x = 90^\circ, y = 15^\circ$

13. $mKJ = 64^\circ$

14. $mMN = 120^\circ$

15. $mLM = 64^\circ$

16. $mMN = 122^\circ$

17. $mYZ = 110^\circ$

18. $mAB = 145^\circ$

19. $x = 12$

20. $x = 17$

21. $x = 16$

22. $x \approx 11.2$

23. $x = 18.5$

24. $x = 6.4$

25. \overline{AB} is tangent to the circle

26. \overline{AB} is not tangent to the circle

27. \overline{AB} is not tangent to the circle