

**SM2 12.1 answers**

1. tangent, tangency

2. radius

3. chord

4. diameter

5. secant

6. central

7. inscribed

8. point of tangency

9.  $\overleftrightarrow{MN}$

10. chord

11.  $\overleftrightarrow{RQ}$

12. radius

13.  $\overline{LP}$

14.  $\angle ACB$  is the central angle.

$$m\angle ACB = 65^\circ$$

15.  $AB$  is the minor arc.  $mAB = 65^\circ$

16.  $ADB$  is the major arc.  $mADB = 295^\circ$

17.  $100^\circ$

18.  $70^\circ$

19.  $150^\circ$

20.  $180^\circ$

21.  $210^\circ$

22.  $110^\circ$

23.  $104^\circ$

24.  $85^\circ$

25.  $232^\circ$

26.  $100^\circ$

27.  $50^\circ$

28.  $80^\circ$

29.  $80^\circ$

30.  $40^\circ$

31.  $180^\circ$

32.  $90^\circ$

33.  $260^\circ$