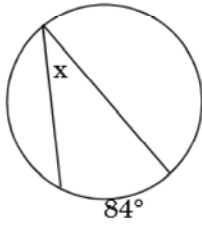
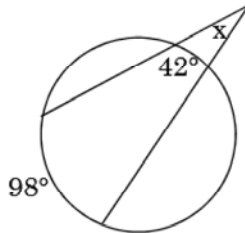


Find the missing angles and arcs using the formulas on page 11.

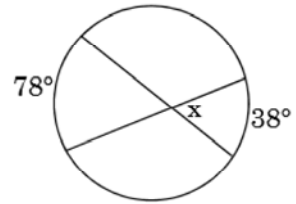
1.



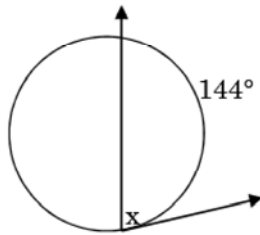
2.



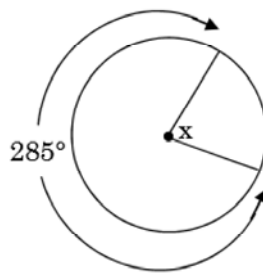
3.



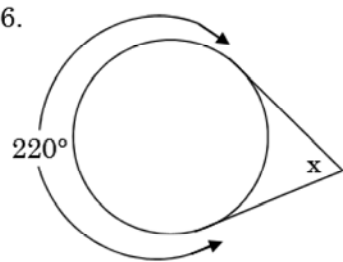
4.



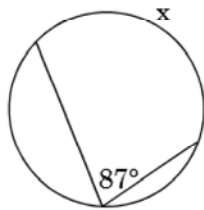
5.



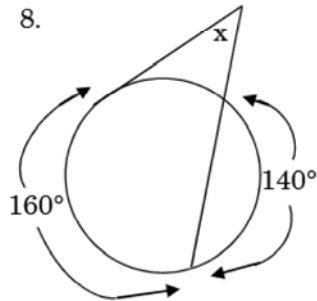
6.



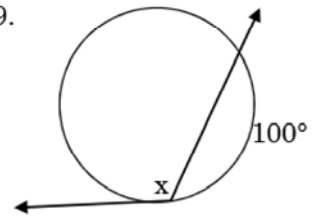
7.



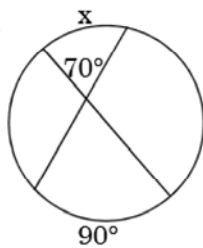
8.



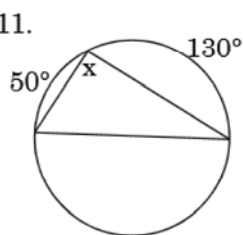
9.



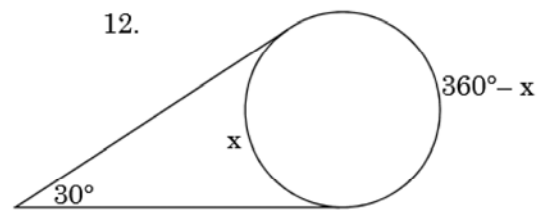
10.



11.



12.



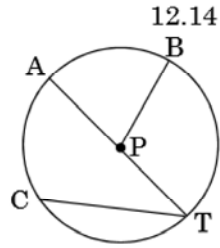
Scrambled Answers: 28, 40, 42, 50, 50, 58, 72, 75, 90, 130, 150, 174

Circles – Inscribed Angles

1. Vertex at center P

a) If $\widehat{AB} = 62^\circ$, then $\angle APB = \underline{\hspace{2cm}}$

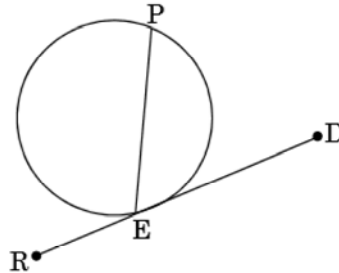
b) If $\widehat{AC} = 72^\circ$, then $\angle ATC = \underline{\hspace{2cm}}$



2. \overline{DE} is tangent at E

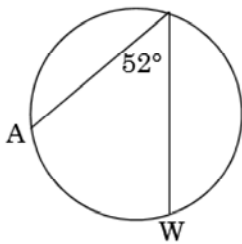
a) If $\widehat{EP} = 150^\circ$, then $\angle DEP = \underline{\hspace{2cm}}$

b) If $\angle REP = 110^\circ$, then $\widehat{EP} = \underline{\hspace{2cm}}$



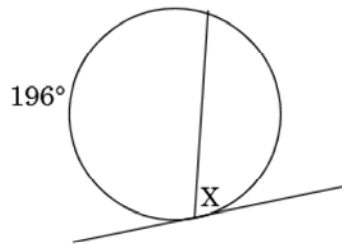
#3-8. Find the measure of each angle or arc that is labeled below.

3.



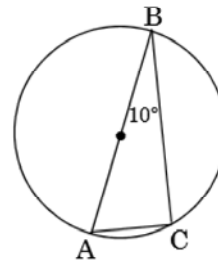
$\widehat{AW} = \underline{\hspace{2cm}}$

4.



$X = \underline{\hspace{2cm}}$

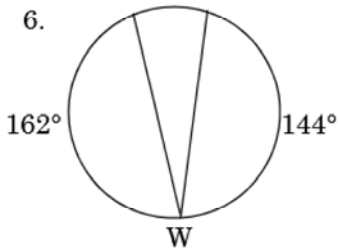
5.



$\widehat{AC} = \underline{\hspace{2cm}}$ $\widehat{BC} = \underline{\hspace{2cm}}$

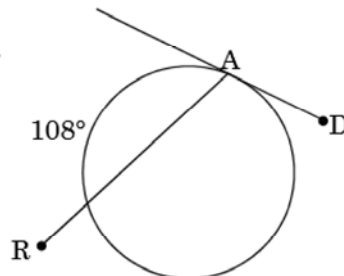
$\angle C = \underline{\hspace{2cm}}$

6.



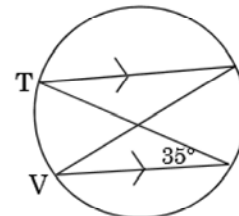
$\angle W = \underline{\hspace{2cm}}$

7.



$\angle RAD = \underline{\hspace{2cm}}$

8.



$\widehat{TV} = \underline{\hspace{2cm}}$ $\angle T = \underline{\hspace{2cm}}$

Scrambled answers: 75, 160, 35, 104, 62, 27, 36, 90, 20, 70, 140, 126, 82