NAME _____ DATE _____

Practice C
For use with pages 621–627

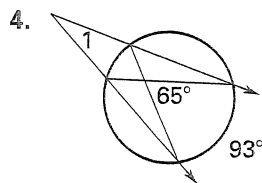**Find the measure of ∠1.**

1.

284°

2.

72°
1
58°

3.

95°
1
85°
175°

4.

1
65°
93°

5.

1
170°
135°

6.

1
64°
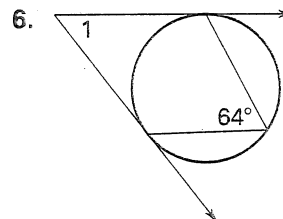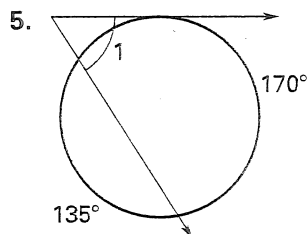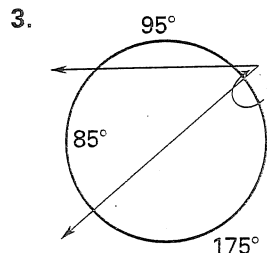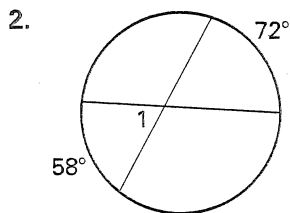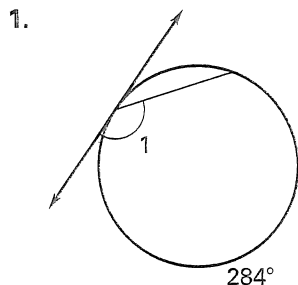
Use the given information to solve the following.

7. Given: $\overline{AB} \cong \overline{CD}$
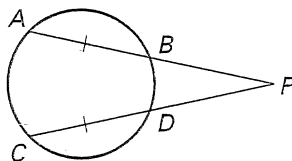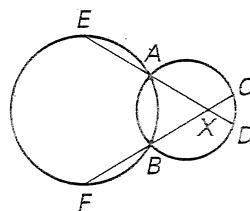 $m\widehat{ACD} = 200°$

   Find: $m\angle P$

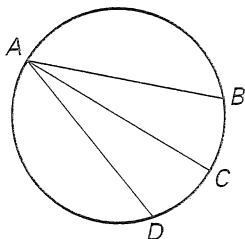8. Given: The two circles intersect at A and B;
   $m\angle AXB = 70°$, $m\widehat{CD} = 20°$,
   $m\widehat{EF} = 160°$

   Find: The difference between the measures
   of $\widehat{AB}$ of the smaller circle and $\widehat{AB}$ of
   the larger circle

Write a two-column proof or a paragraph proof.

9. Given: C is the midpoint of $\widehat{BD}$
   Prove: $\overrightarrow{AC}$ bisects $\angle BAD$

10. Given: $\odot E$; $\overline{BC} \cong \overline{CD}$
    Prove: $\triangle ABC \cong \triangle ADC$