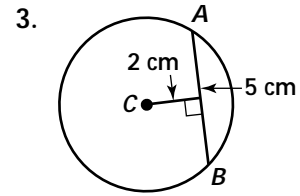
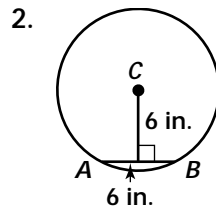
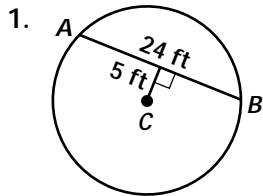


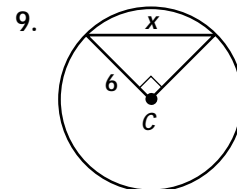
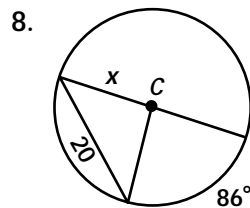
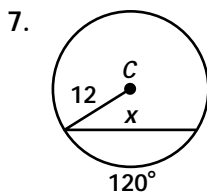
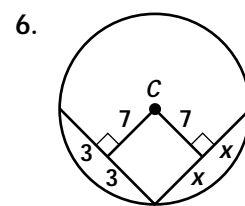
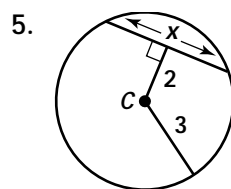
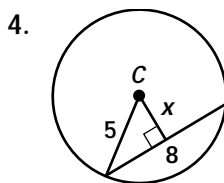
# Practice 12-3

## Mixed Exercises

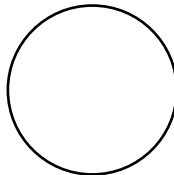
Find the radius and  $m\widehat{AB}$ .



Find the value of  $x$ .



10. Construct the center of the circle.

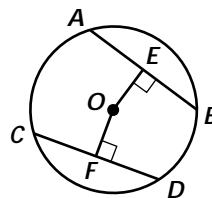


Write a two-column proof, a paragraph proof, or a flow proof.

11. Prove Theorem 12-9, part (2).

Given:  $\odot O$ ,  $\overline{OE} \perp \overline{AB}$ ,  $\overline{OF} \perp \overline{CD}$ ,  $AB = CD$

Prove:  $OE = OF$



12. Given:  $\odot O$  with  $m\widehat{AB} = m\widehat{BC} = m\widehat{CA}$

Prove:  $m\angle ABC = m\angle BCA = m\angle CAB$

