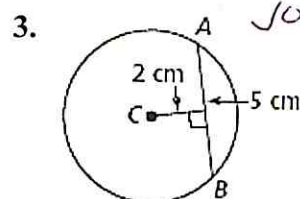
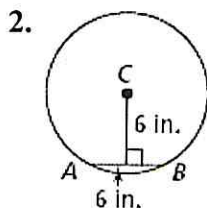
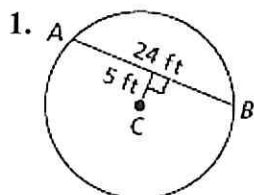


Practice 12-2

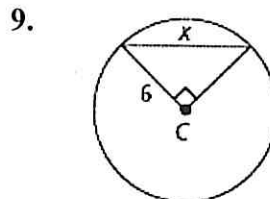
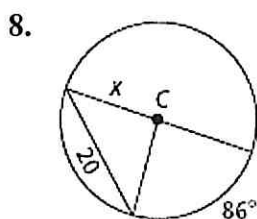
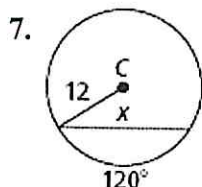
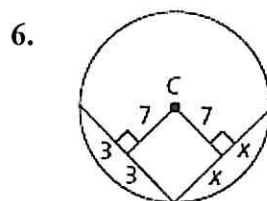
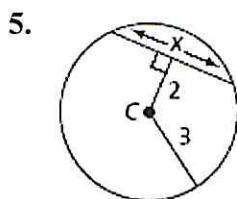
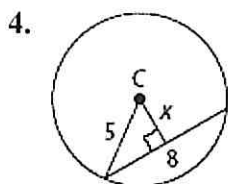
Chords and Arcs

Find the radius and ~~$m\angle AB$~~ . Show work or write the theorem used to justify.

Just find r

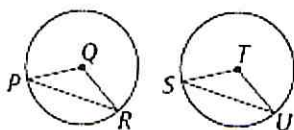


Find the value of x to the nearest tenth. Keep in simple radical form.

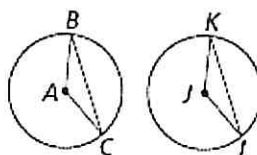


List what you can conclude from each diagram. LIST ALL POSSIBLE CONCLUSIONS

10. $\odot Q \cong \odot T$, $\overline{PR} \cong \overline{SU}$



11. $\odot A \cong \odot J$, $\overline{BC} \cong \overline{KL}$

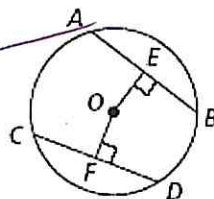


Write a two-column proof, a paragraph proof, or a flow proof.

12. Prove Theorem 11-5, part (2).

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

Prove: $OE = OF$



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

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

