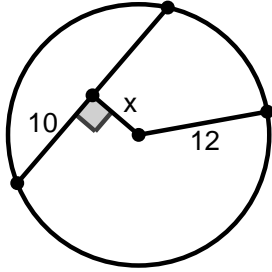
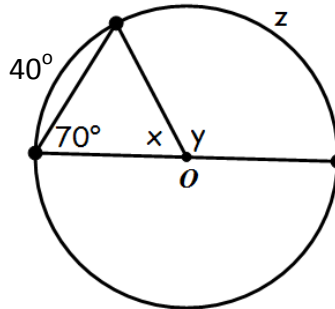


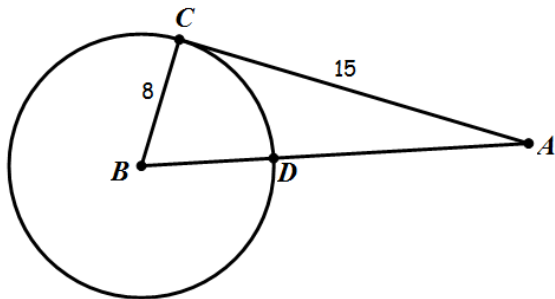
1. Solve for x .



2. Circle O . Find x , y , and z .

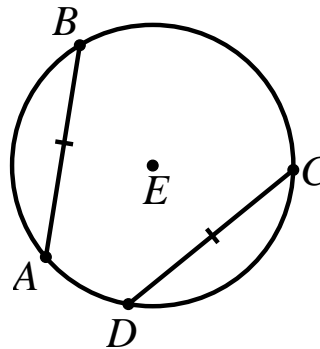


3. Circle B with $m\angle BCA = 90^\circ$. Find AD .

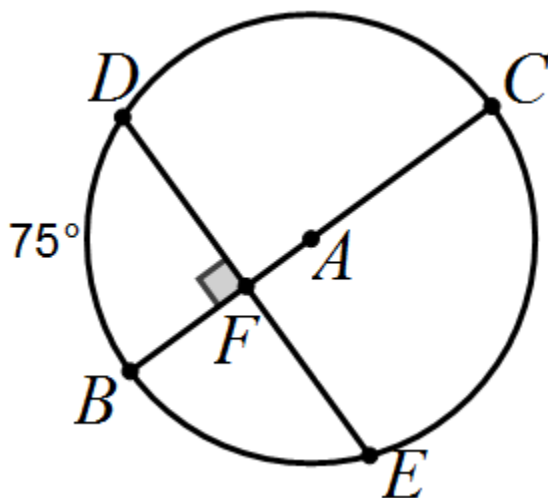


4. Circle E with $m\widehat{AD} : m\widehat{DC} : m\widehat{CB} = 1 : 2 : 3$.

Find $m\widehat{AB}$.



Circle A , with diameter \overline{BC} , $AF = 5$, and $FE = 12$.



Find:

5. DE

6. $m\widehat{DC}$

7. $m\widehat{DBE}$

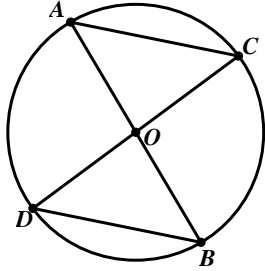
8. \overline{AC}

9. \overline{BF}

Complete the proof:

10. Given: $\odot O$
 \overline{AOB} & \overline{COD}

Prove: $\widehat{AC} \cong \widehat{BD}$



11. Given: $\odot O$ with diameter \overline{AOB}
 A is midpt. of \widehat{DAC}
 $\angle DAB \cong \angle CAB$

Prove: $\overline{CB} \cong \overline{DB}$

