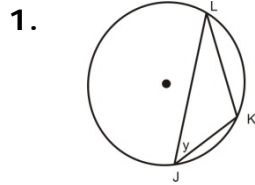


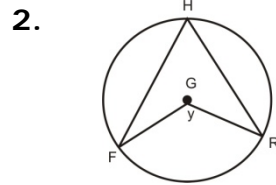
Name: _____

Date _____

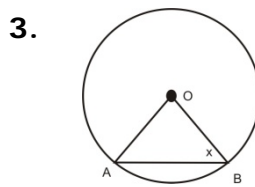
Topic : Angles and Arcs in Circles- Central and Inscribed - Worksheet 1



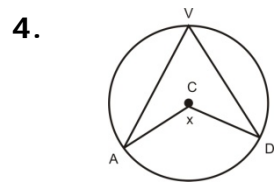
$\widehat{JK}:\widehat{KL}:\widehat{JL}=3:2:3,$
find y



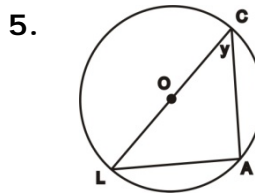
$\angle FHR=50^\circ,$
find y.



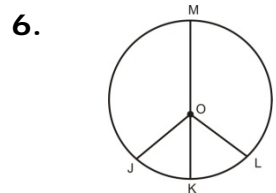
Minor arc $\widehat{AB}=40^\circ,$ find x.



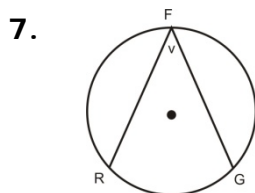
$\angle AVD=40^\circ,$
find x.



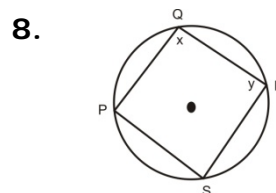
LC is diameter,
 $\angle CLA=50^\circ,$
find y



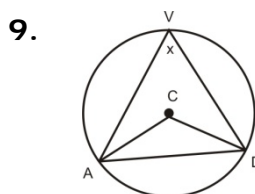
$\angle MOL=3x+6,$
 $\angle LOK=x-6,$
 $\angle JOK=40^\circ,$
Find x



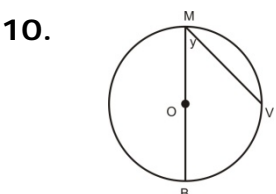
Minor arc $\widehat{RG}=58^\circ,$ find v.



$\angle PSR=40^\circ,$
 $\angle SPQ=130^\circ,$
find x AND y



$\angle CAD=40^\circ,$
find x



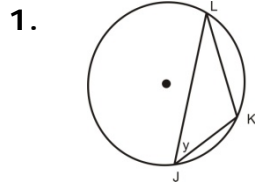
Minor arc $\widehat{BV}=50^\circ,$ find y.



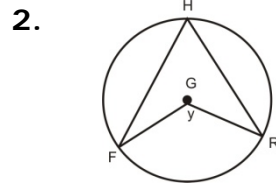
Name: _____

Date _____

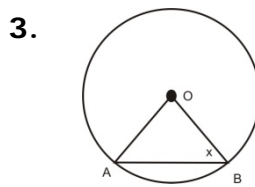
Topic : Angles and Arcs in Circles- Central and Inscribed - Worksheet 2



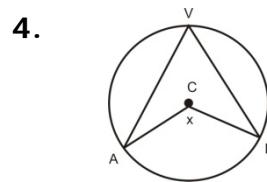
$\widehat{JK}:\widehat{KL}:\widehat{JL}=2:2:1,$
find y



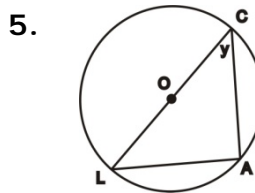
$\angle FHR=30^\circ,$
find y.



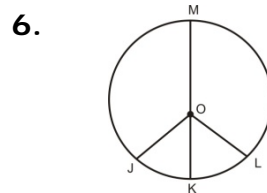
Minor arc $\widehat{AB}=50^\circ,$ find x.



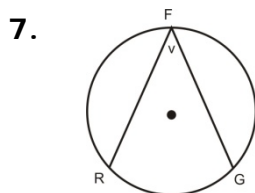
$\angle AVD=50^\circ,$
find x.



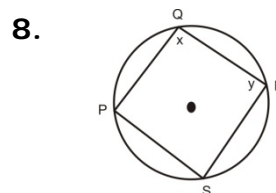
LC is diameter,
 $\angle CLA=45^\circ,$
find y



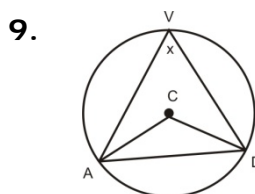
$\angle MOL=2x+5,$
 $\angle LOK=x-4,$
 $\angle JOK=35^\circ,$
Find x



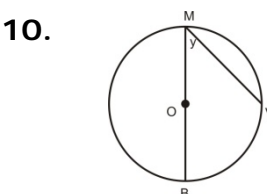
Minor arc $\widehat{RG}=46^\circ,$ find v.



$\angle PSR=50^\circ,$
 $\angle SPQ=140^\circ,$
find x AND y



$\angle CAD=60^\circ,$
find x



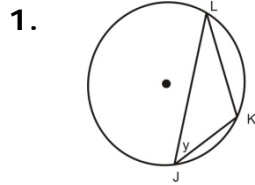
Minor arc $\widehat{BV}=66^\circ,$ find y.



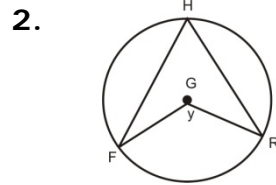
Name: _____

Date _____

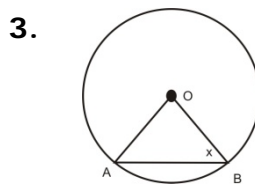
Topic : Angles and Arcs in Circles- Central and Inscribed - Worksheet 3



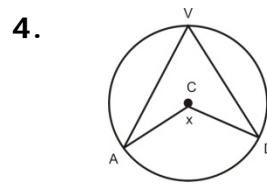
$\widehat{JK}:\widehat{KL}:\widehat{JL}=3:2:1,$
find y



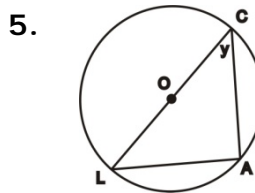
$\angle FHR=50^\circ,$
find y.



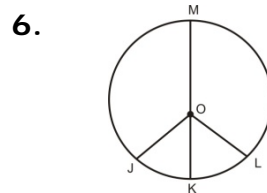
Minor arc $\widehat{AB}=42^\circ,$ find x.



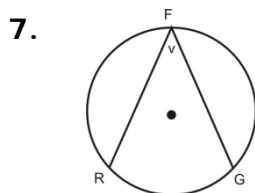
$\angle AVD=45^\circ,$
find x.



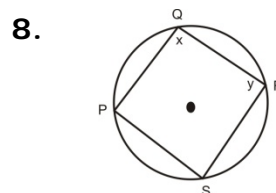
LC is diameter,
 $\angle CLA=35^\circ,$
find y



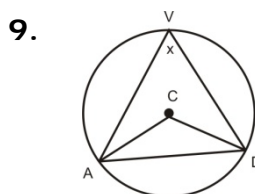
$\angle MOL=3x+7,$
 $\angle LOK=x+5,$
 $\angle JOK=45^\circ,$
Find x



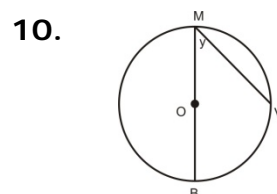
Minor arc $\widehat{RG}=36^\circ,$ find v.



$\angle PSR=60^\circ,$
 $\angle SPQ=130^\circ,$
find x AND y



$\angle CAD=70^\circ,$
find x



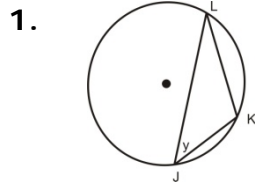
Minor arc $\widehat{BV}=56^\circ,$
find y.



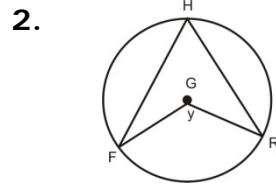
Name: _____

Date _____

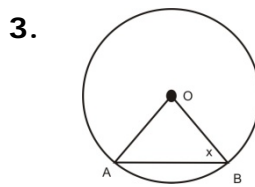
Topic : Angles and Arcs in Circles- Central and Inscribed - Worksheet 4



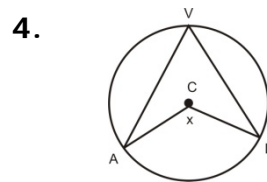
$\widehat{JK}:\widehat{KL}:\widehat{JL}=3:3:3,$
find y



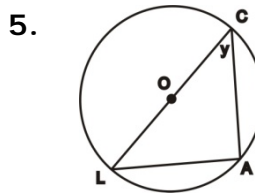
$\angle FHR=42^\circ,$
find y.



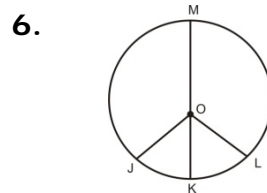
Minor arc $\widehat{AB}=48^\circ,$ find x.



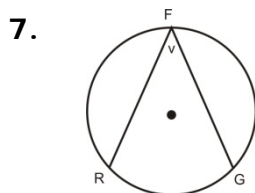
$\angle AVD=50^\circ,$
find x.



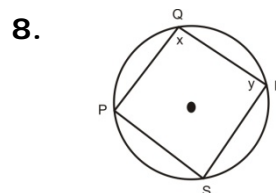
LC is diameter,
 $\angle CLA=40^\circ,$
find y



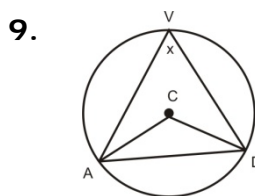
$\angle MOL=2x+6,$
 $\angle LOK=3x+4,$
 $\angle JOK=35^\circ,$
Find x



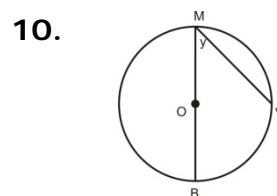
Minor arc $\widehat{RG}=48^\circ,$ find v.



$\angle PSR=70^\circ,$
 $\angle SPQ=95^\circ,$
find x AND y



$\angle CAD=60^\circ,$
find x



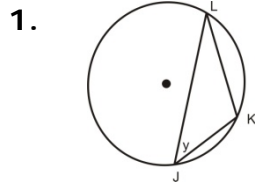
Minor arc $\widehat{BV}=60^\circ,$
find y.



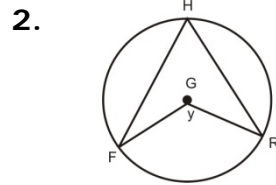
Name: _____

Date _____

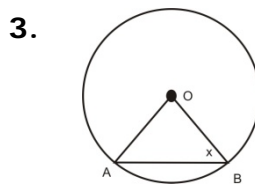
Topic : Angles and Arcs in Circles- Central and Inscribed - Worksheet 5



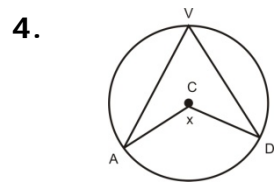
$\widehat{JK}:\widehat{KL}:\widehat{JL}=1:3:1,$
find y



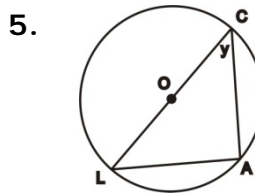
$\angle FHR=54^\circ,$
find y.



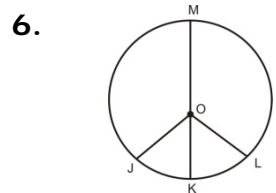
Minor arc $\widehat{AB}=70^\circ,$ find x.



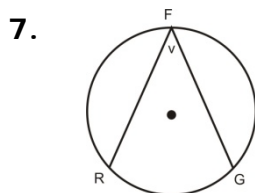
$\angle AVD=45^\circ,$
find x.



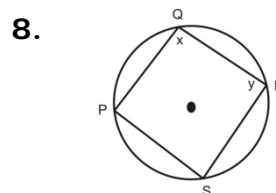
LC is diameter,
 $\angle CLA=34^\circ,$
find y



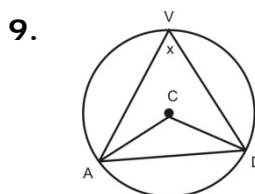
$\angle MOL=3x+5,$
 $\angle LOK=5x+7,$
 $\angle JOK=40^\circ,$
Find x



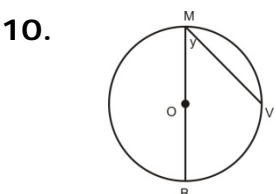
Minor arc $\widehat{RG}=72^\circ,$ find v.



$\angle PSR=80^\circ,$
 $\angle SPQ=115^\circ,$
find x AND y



$\angle CAD=50^\circ,$
find x



Minor arc $\widehat{BV}=80^\circ,$ find y.

