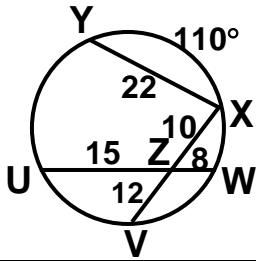
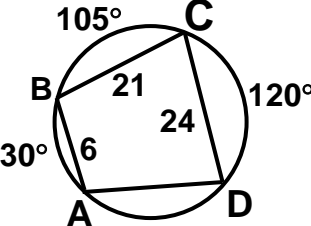
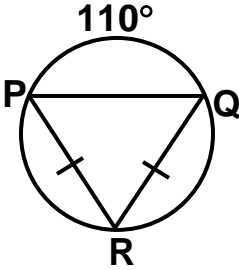
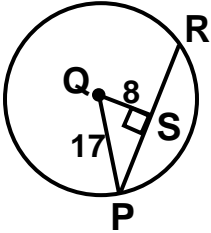
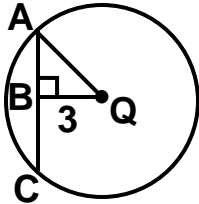
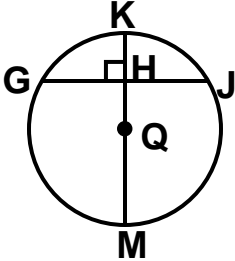
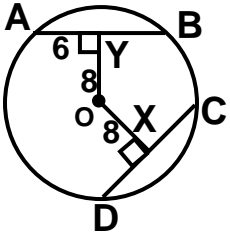
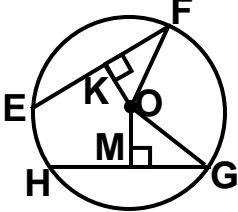
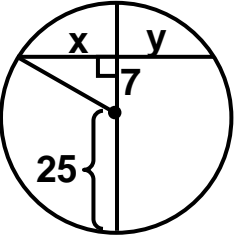
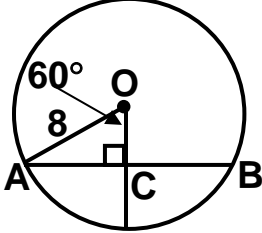
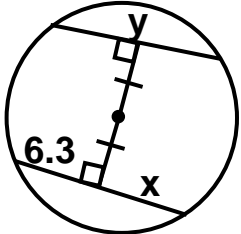
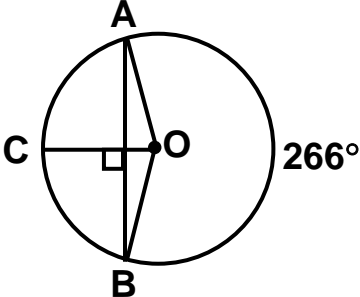


NAME _____ DATE _____ PER. _____

ARCS & CHORDS

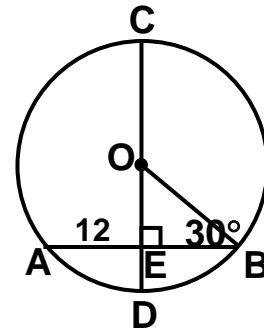
Find the indicated values. Leave all answer in simplest form.

<p>1. $m \widehat{VX} =$ _____ $m \widehat{VY} =$ _____</p>	
<p>2. $AD =$ _____</p>	
<p>3. $m \widehat{PR} =$ _____ $m \widehat{RQ} =$ _____</p>	
<p>4. $PR =$ _____</p>	
<p>5. $AC = 8$; $AQ =$ _____</p>	
<p>6. $m \widehat{GMJ} = 200^\circ$ $m \widehat{GK} =$ _____</p>	

<p>7. $CD =$ _____</p>	
<p>8. $HG = 12$, $OM = 6$ $EF = 12$, $OK =$ _____</p>	
<p>9. $x =$ _____ $y =$ _____</p>	
<p>10. $AC =$ _____ $OC =$ _____</p>	
<p>11. $x =$ _____ $y =$ _____</p>	
<p>12. $m\widehat{AB} =$ _____ $m\angle AOC =$ _____</p>	

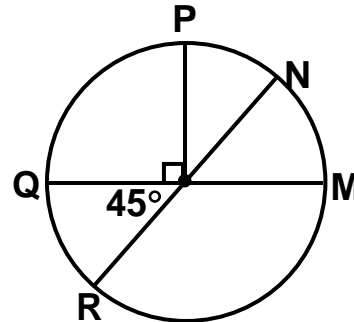
\overline{CD} is a diameter of circle O. Find the following.

13. _____	$EB = ?$
14. _____	$OB = ?$
15. _____	$m \widehat{DB} = ?$
16. _____	$m \widehat{AC} = ?$
17. _____	$m \widehat{AB} = ?$
18. _____	$DE = ?$



Using the figure below, find each of the following. \overline{RN} & \overline{QM} are diameters.

19. _____	One minor arc
20. _____	One semicircle
21. _____	One major arc
22. _____	$m \widehat{PQ}$
23. _____	$m \widehat{NM}$
24. _____	$m \widehat{NMQ}$



25. Circle P has center $P(2, 1)$ and radius 3. What is the measure, in degrees, of the minor arc with endpoints $A(-1, 1)$ and $B(2, -2)$?

