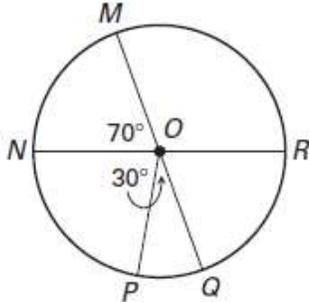
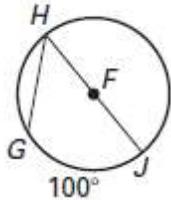
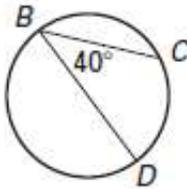
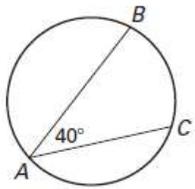
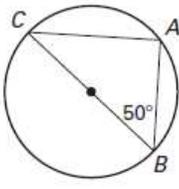
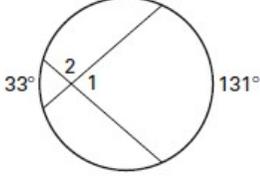
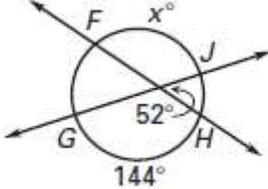
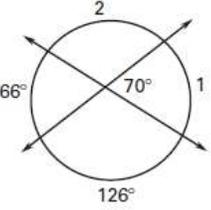
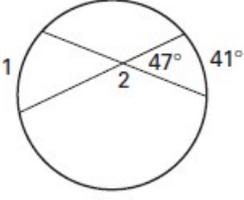
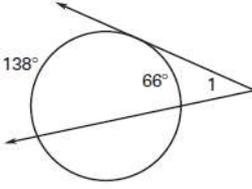
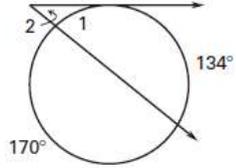
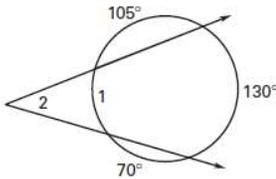
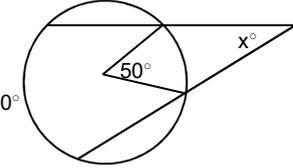
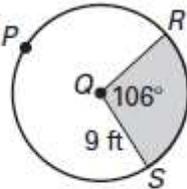
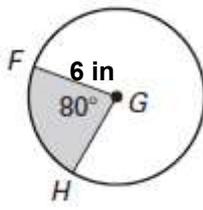
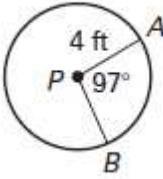
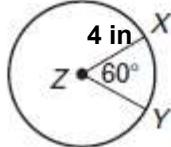


Name: _____

Date: _____

Use the following to review for you test. **Work the Practice Problems on a separate sheet of paper.**

What you need to know & be able to do	Things to remember		
Find the measure of arcs from central angles.	Angle = Arc		1. Find $m\widehat{MN}$ <hr/> 2. Find $m\widehat{QNR}$ <hr/> 3. Find $m\widehat{MR}$ <hr/> 4. Find $m\widehat{PRN}$
Find the measure of arcs and angles with inscribed angles	Angle = $\frac{\text{Arc}}{2}$	5. Find $m\angle GHJ$ 	6. Find $m\widehat{CD}$ 
Find the measure of arcs and angles if the angle is inside the circle	Angle = $\frac{\text{Arc} + \text{Arc}}{2}$	7. Find $m\widehat{BC}$ 	8. Find $m\angle C$ 
Find the measure of arcs and angles if the angle is inside the circle	Angle = $\frac{\text{Arc} + \text{Arc}}{2}$	9. Find $m\angle 1$ and $m\angle 2$ 	10. Find the value of x. 
Find the measure of arcs and angles if the angle is inside the circle	Angle = $\frac{\text{Arc} + \text{Arc}}{2}$	11. Find 1 & 2 	12. Find 1 & 2 

<p>Find the measure of arcs and angles if the angle is outside the circle.</p>	$\text{Angle} = \frac{\text{Large Arc} - \text{Small Arc}}{2}$	<p>13. Find 1.</p> 	<p>14. Find 1 & 2.</p> 
<p>Find the area of circles</p>	$\text{Area} = \pi r^2$	<p>15. Find 1 & 2.</p> 	<p>16. Find the value of x.</p> 
<p>Find the area of sectors</p>	$\text{Sector} = \frac{\text{Arc}}{360^\circ} \cdot \pi r^2$	<p>17. The area of a circle is 31.4 cm². What is the radius?</p>	<p>18. Find the area of a circle with a diameter of 22 inches.</p>
<p>Find the circumference of circles</p>	$\text{Circumference} = 2\pi r$	<p>19. Find the area of the shaded region</p> 	<p>20. Find the area of the shaded region.</p> 
<p>Find arc lengths</p>	$\text{Circumference} = \frac{\text{Arc}}{360^\circ} \cdot 2\pi r$	<p>21. Find the circumference of a circle with a radius of 8 m.</p> 	<p>22. The circumference of a circle is 25.12 ft. What is the radius?</p> 
<p>Word Problems</p>	<p>25. A birthday cake is sliced into 8 equal pieces. The arc length of one piece of cake is 6.28 inches, as shown. Find the diameter of the cake.</p> 		<p>26. A wall clock has an area of 452.39 in². Find the diameter of the clock. Then, find the area of the sector formed when the time is 3:00.</p> 