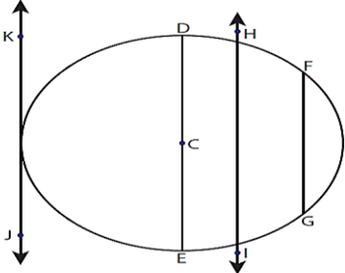
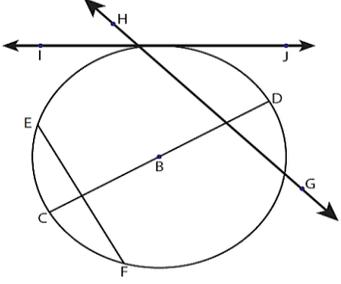
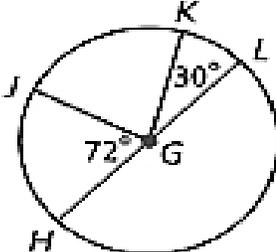
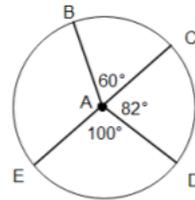
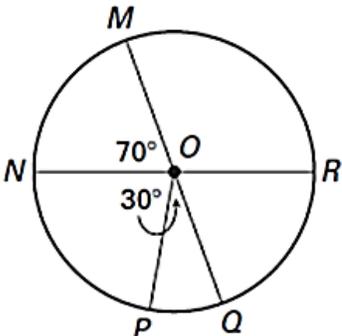
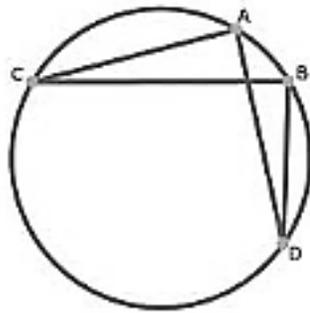


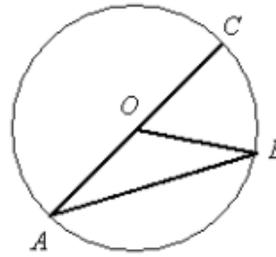
Learning Target 1: Circle Basics	
<p>1. You can only use the following words once! (not all words will be used) Chord, Diameter, Radius, Secant, Tangent</p> <p>\overline{CD} is a _____</p> <p>\overline{KJ} is a _____</p> <p>\overline{FG} is a _____</p> <p>\overline{HI} is a _____</p> <p>_____</p> 	<p>2. You can only use the following words once! (not all words will be used): Chord, Diameter, Radius, Secant, Tangent</p> <p>\overline{CD} is a _____</p> <p>\overline{EF} is a _____</p> <p>\overline{JI} is a _____</p> <p>\overline{BC} is a _____</p> 
<p>3. Find the measures of the following arcs:</p> <ol style="list-style-type: none"> \widehat{JH} \widehat{KL} \widehat{HJL} \widehat{HL} \widehat{LH} 	<p>4. Find the measures of the following arcs:</p>  <p>\widehat{BD}</p> <p>\widehat{BED}</p> <p>\widehat{BE}</p>
<p>5. You can only use the following words once! (not all words will be used)</p> <p>Circle, Chord, Diameter, Radius, Secant, Tangent</p> <p>A _____ is half of a diameter.</p> <p>A _____ is a line that touches a circle once.</p> <p>A _____ is created when all points are equidistant from a center point.</p> <p>A _____ is a line that touches a circle exactly twice.</p>	<p>6.</p>
<p>7.</p> <ol style="list-style-type: none"> $m\widehat{MN}$ $m\widehat{NQ}$ $m\widehat{NQR}$ $m\widehat{MRP}$ $m\widehat{QR}$ 	<p>8.</p>

Learning Target 2: Central & Inscribed Angles

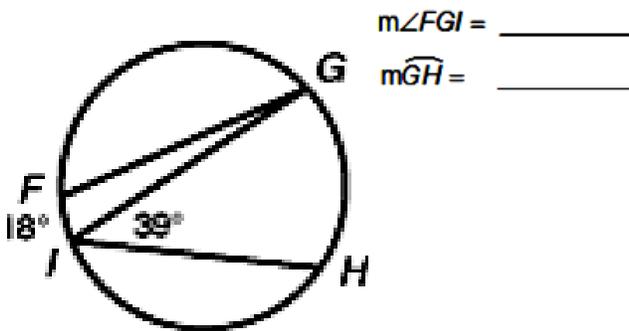
1. Find $m\angle CAD$ if $m\angle CAD = 5x - 14$ and $m\angle CBD = 2x + 13$.



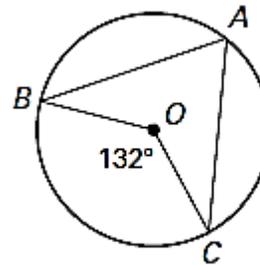
2. In $\odot O$, $m\widehat{BCA} = 292^\circ$. Find $m\angle BOA$.



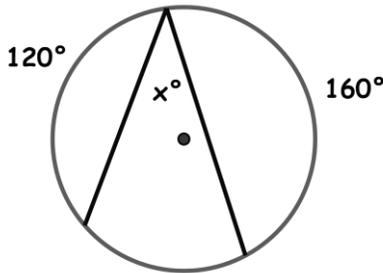
3. Find the indicated measures



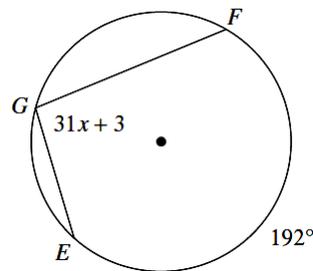
4. Find the $m\angle BAC$.



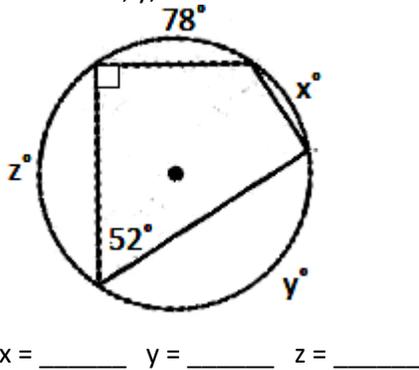
5. Solve for x : (hint—use the fact that a circle totals 360° to find the missing arc measure first!)



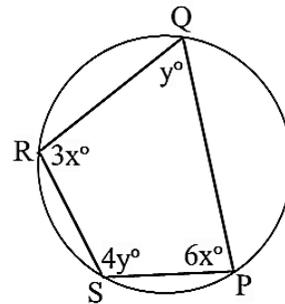
6. Solve for X

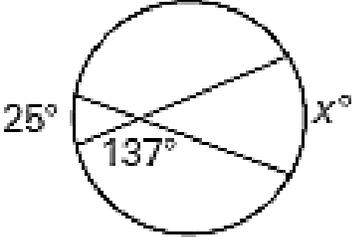
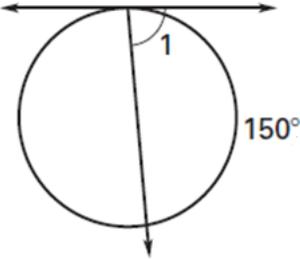
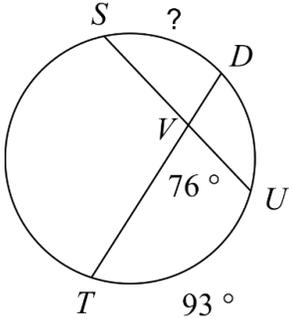
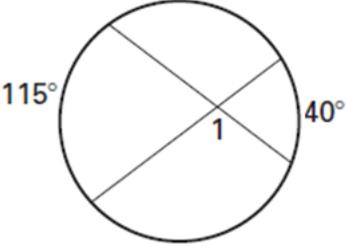
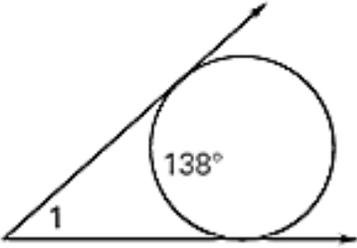
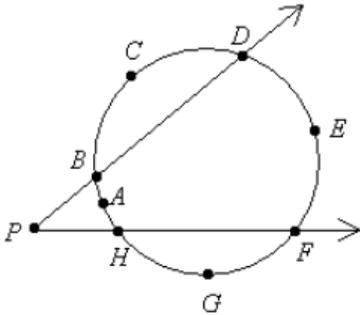
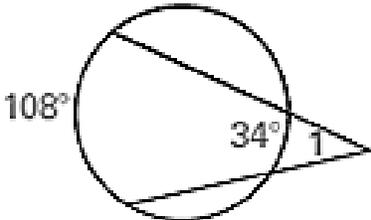
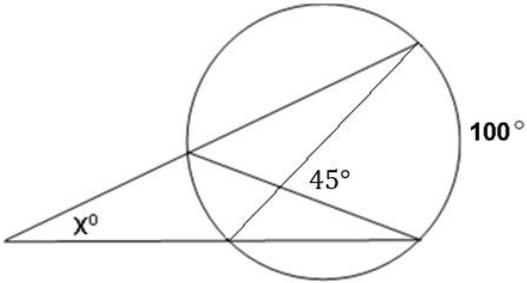


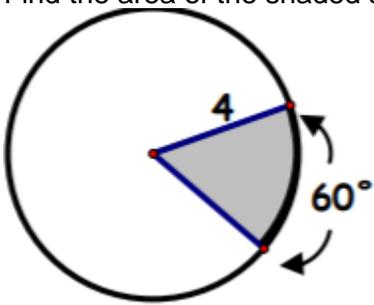
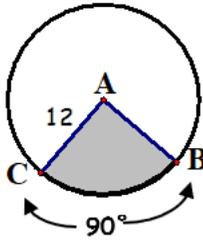
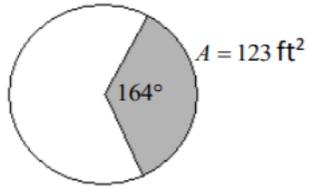
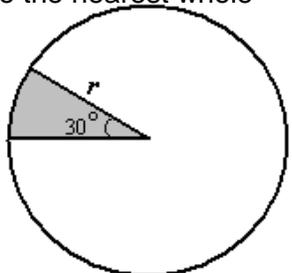
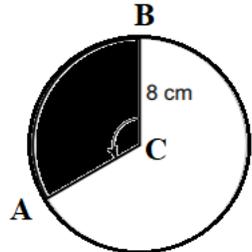
7. Solve for x , y , and z .



8. Find the value of x and y .



Learning Target 3: Other Angle Relationships	
<p>1. Solve for x.</p> 	<p>2. Find $m\angle 1$.</p> 
<p>3. Solve for x.</p> 	<p>4. Find $m\angle 1$.</p> 
<p>5. Solve for the missing angle</p> 	<p>6. $m\widehat{BCD} = 115^\circ$, $m\widehat{DEF} = 96^\circ$, $m\widehat{FGH} = 129^\circ$, and $m\widehat{HAB} = 20^\circ$. Find $m\angle FPD$.</p> 
<p>7. Solve for the missing angle</p> 	<p>8. What is the value for x in the given figure?</p> 

Learning Target 4: Area of Circles & Sectors	
<p>1. Jake's birthday cake is circular and has a 20 cm radius. His slice creates an arc with a central angle of 100°. What is the area of Jake's slice of cake? Give your answer in terms of pi.</p>	<p>2. The diameter of a pizza is 25 centimeters. Each slice of pizza has a central angle of 36 degrees. If you eat 3 slices how many square centimeters of pizza have you eaten?</p>
<p>3. Find the area of the shaded sector of the circle.</p> 	<p>4. Find the area of the shaded sector of the circle.</p> 
<p>5. The area of the Shaded region below is approximately 123 ft^2. Determine the length of the radius (rounded to the nearest whole number).</p> 	<p>6. The area of the shaded region below is approximately 84.8 cm^2. Determine the length of the radius (rounded to the nearest whole number).</p> 
<p>7. Find the measure of AB if the area of the shaded region is 67.0 cm^2</p> 	<p>8. Find the area of the shaded region in the circle.</p> 