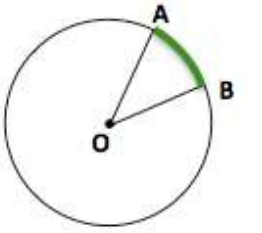
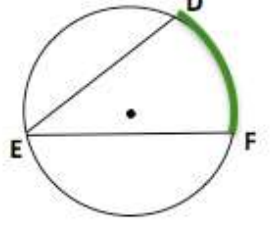
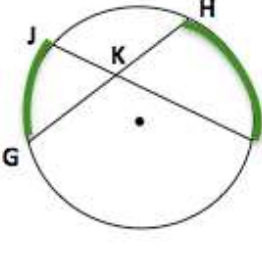
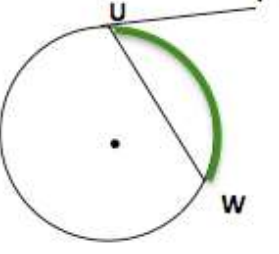
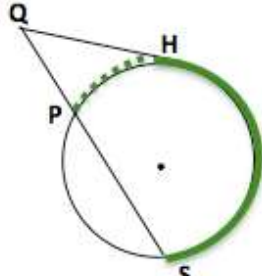
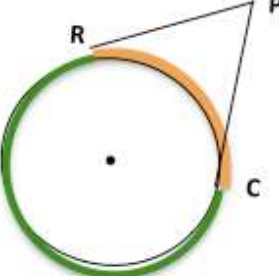
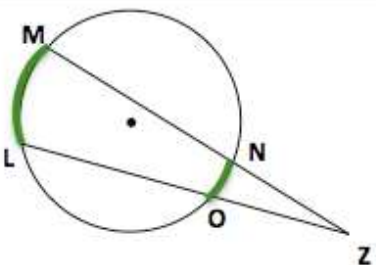
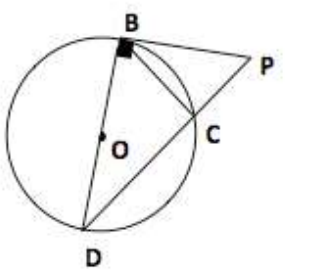
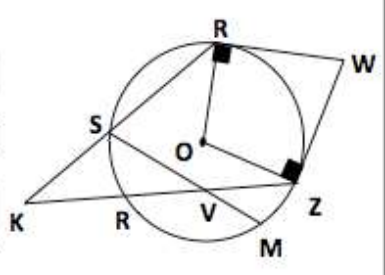


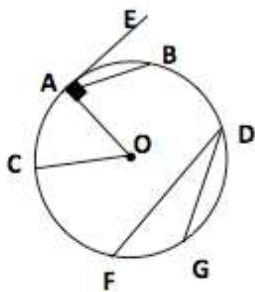
Circles: Angles and Arcs

	<p>$\angle O$ is a central angle.</p> <p>$\angle O$ intercepts \widehat{AB} ("arc AB")</p> <p>A central angle is formed by two radii.</p>		<p>$\angle E$ is an inscribed angle.</p> <p>$\angle E$ intercepts \widehat{DF} ("arc DF")</p> <p>An inscribed angle is formed by two chords meeting at common point on the circle.</p>
	<p>$\angle HKI$ & $\angle JKG$ are chord-chord angles.</p> <p>$\angle HKI$ intercepts \widehat{HI}</p> <p>$\angle JKG$ intercepts \widehat{JG}</p>		<p>$\angle U$ is a tan-chord angle.</p> <p>$\angle U$ intercepts \widehat{UW}</p>
	<p>$\angle Q$ is a tan-secant angle.</p> <p>$\angle Q$ intercepts \widehat{HS} and \widehat{PH}</p>		<p>$\angle P$ is a tan-tan angle.</p> <p>$\angle P$ intercepts major \widehat{RC}</p> <p>$\angle P$ intercepts minor \widehat{RC}</p>
		<p>$\angle Z$ is a secant-secant angle.</p> <p>$\angle Z$ intercepts \widehat{NO} and \widehat{ML}</p>	

Write whether the angle is central, inscribed, chord-chord, secant-secant, tan-tan, tan-chord or tan-secant.

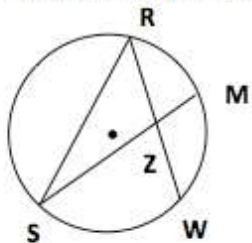
<p>$\angle P$ <input type="text"/></p> <p>$\angle D$ <input type="text"/></p> <p>$\angle PBC$ <input type="text"/></p> <p>$\angle BCD$ <input type="text"/></p> <p>$\angle CBD$ <input type="text"/></p>		<p>6. $\angle O$ <input type="text"/></p> <p>7. $\angle K$ <input type="text"/></p> <p>8. $\angle W$ <input type="text"/></p> <p>9. $\angle RVM$ <input type="text"/></p> <p>10. $\angle ZVM$ <input type="text"/></p>	
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A Write the type of circle angle each angle represents. Also, determine the intercepted arc.



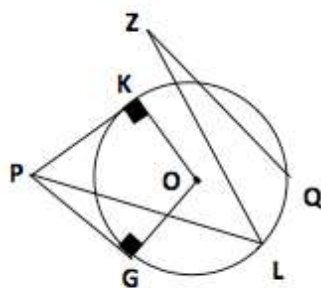
Angle	Circle Angle Type	Intercepted Arc
1) $\angle AOC$	<input type="text"/>	<input type="text"/>
2) $\angle D$	<input type="text"/>	<input type="text"/>
3) $\angle EAB$	<input type="text"/>	<input type="text"/>

B Write the type of circle angle each represents. Also, determine the intercepted arc.



Angle	Circle Angle Type	Intercepted Arc
1) $\angle MZW$	<input type="text"/>	<input type="text"/>
2) $\angle R$	<input type="text"/>	<input type="text"/>
3) $\angle RSM$	<input type="text"/>	<input type="text"/>

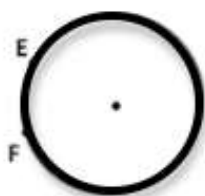
C Write the type of circle angle each represents. Also, determine the intercepted arc or arcs.



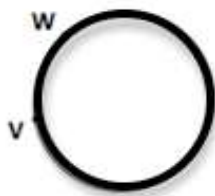
Angle	Circle Angle Type	Intercepted Arcs
1) $\angle GPK$	<input type="text"/>	<input type="text"/> & <input type="text"/>
2) $\angle GPL$	<input type="text"/>	<input type="text"/> & <input type="text"/>
3) $\angle Z$	<input type="text"/>	<input type="text"/> & <input type="text"/>
4) $\angle LO$	<input type="text"/>	<input type="text"/>

D Sketch the:

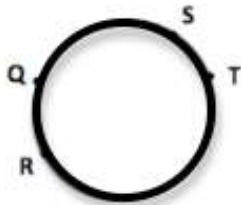
1) central angle intercepting \widehat{EF}



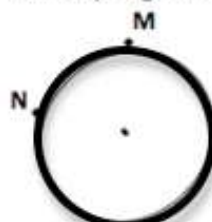
2) inscribed angle intercepting \widehat{VW}



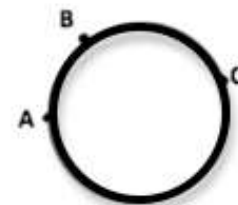
3) chord-chord angle intercepting \widehat{QR} & \widehat{ST}



4) tan-chord angle intercepting \widehat{NM}



5) tan-secant angle intercepting \widehat{AB} & \widehat{AC}



E Sketch a:

1) a circle with a central angle and an inscribed angle both intercepting the same arc.

2) a circle with an inscribed angle and a tan-chord angle intercepting the same arc.