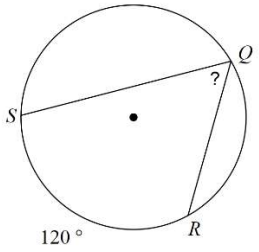
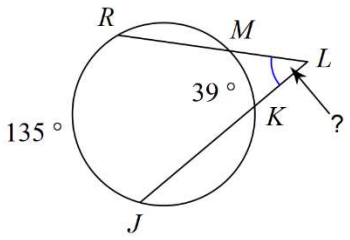
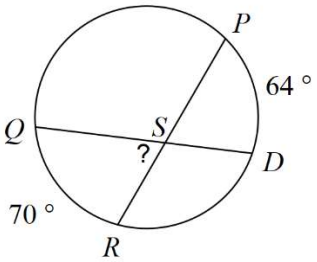
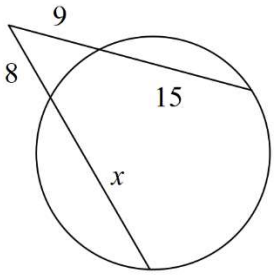
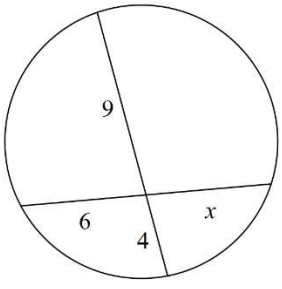
Angles and Arcs

Video Link: https://vimeo.com/263813175

Where is the Vertex?	ON	OUTSIDE	INSIDE
Equation			
Example			

Segments

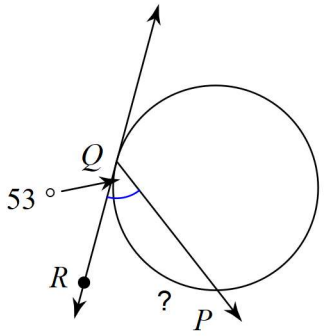
Video Link: https://vimeo.com/263815164

Where is the Vertex?	OUTSIDE	INSIDE
Equation		
Example		

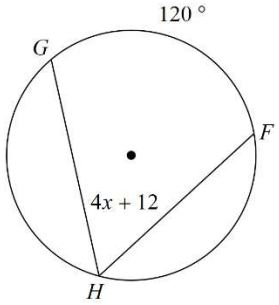
Angles: Vertex ON the Circle

Video Link: https://vimeo.com/263638430

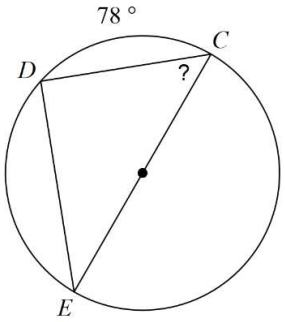
Ex. 1 Secant-Tangent



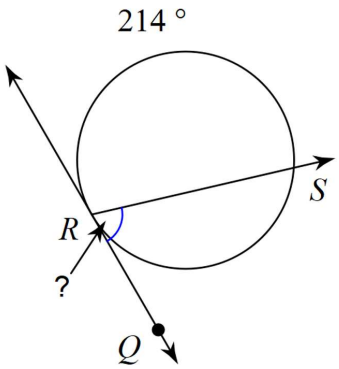
Ex. 2 Inscribed Angle (Secant-Secant)



Ex. 3 Inscribed Angle



Ex. 4 Secant Tangent

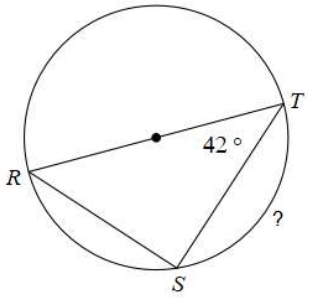


Geometry Name_____

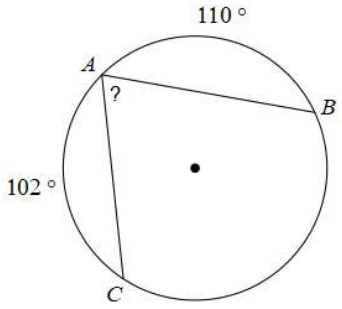
Angles: Vertex ON Circle

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

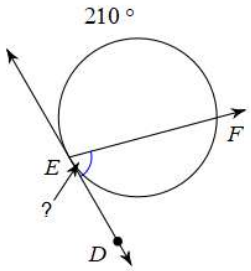
1)



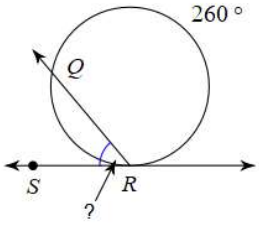
2)



3)

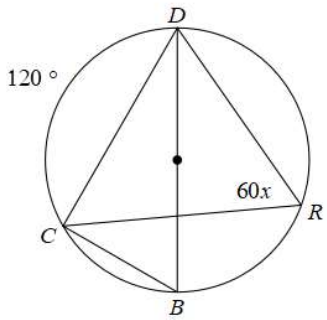


4)

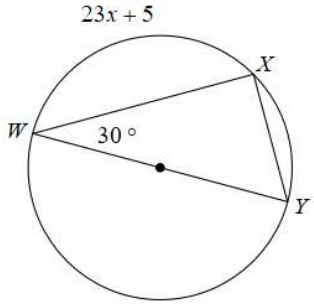


Solve for *x*. Assume that lines which appear tangent are tangent.

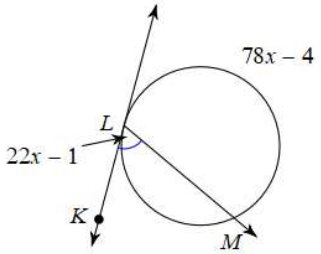
5)



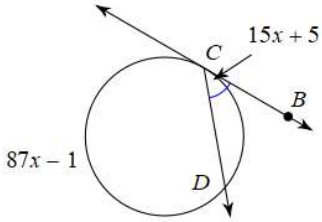
6)



7)



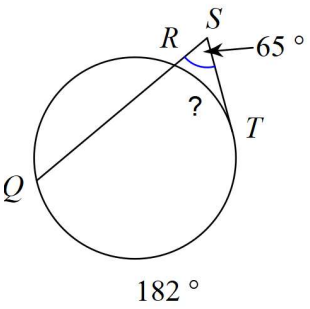
8)



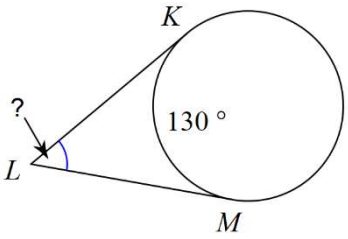
Angles: Vertex OUTSIDE the Circle

Video Link: https://vimeo.com/263808267

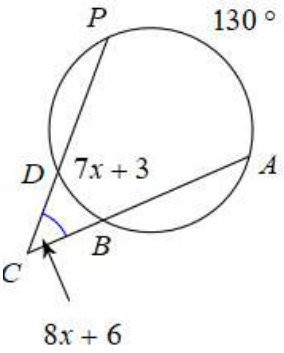
Ex. 1 Secant Tangent



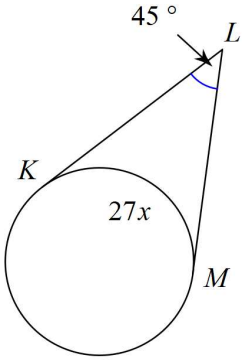
Ex. 2 Tangent Tangent



Ex. 3 Secant Secant



Ex. 4 Tangent Tangent

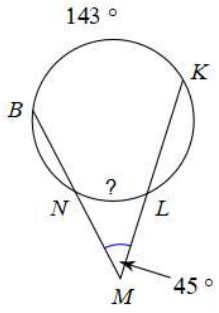


Geometry Name_____

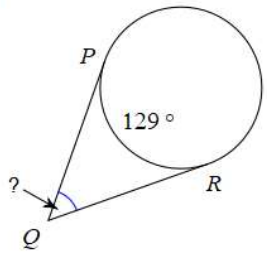
Angles: Vertex OUTSIDE Circle

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

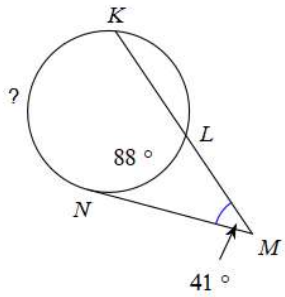
1)



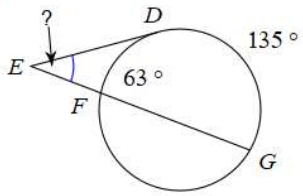
2)



3)

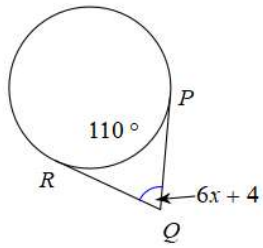


4)

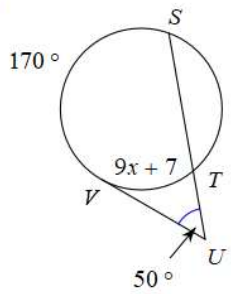


Solve for *x*. Assume that lines which appear tangent are tangent.

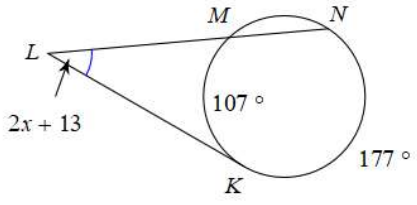
5)



6)



7)



8)