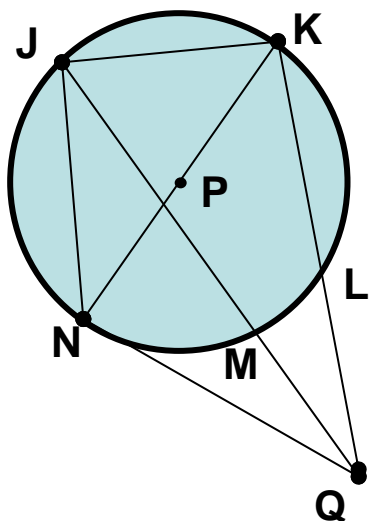


# Circles – Quiz Review Problems

Name: \_\_\_\_\_



In circle P, find

Radius:

Diameter:

Chords:

Secants:

Tangent:

Minor arc:

Major arc:

Semi-circle:

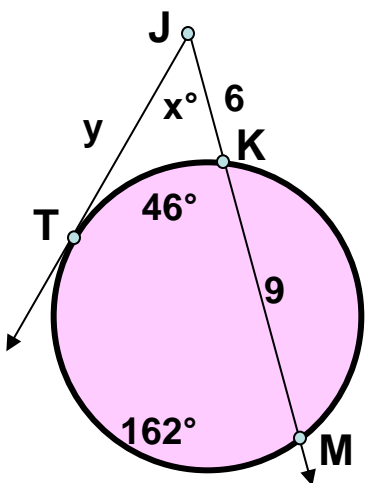
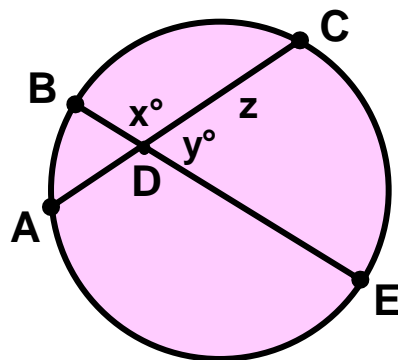
If radius = 7 and  $\angle JPK = 80^\circ$ ,

What is the circumference?

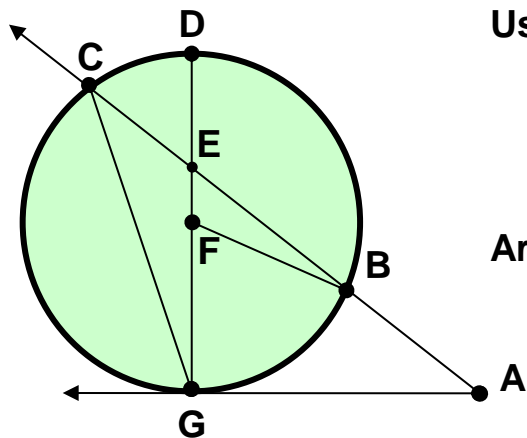
What is the length of arc JK?

In circle F,  $m \text{ arc } BC = 76^\circ$ ,  $m \text{ arc } AE = 168^\circ$ ,  $m \text{ arc } AB = 29^\circ$ ,  $BD = 4$ ,  $DE = 10$ , and  $AD = 5$

Find  $x$ ,  $y$ ,  $z$  ( $DC$ ) and the  $m \text{ arc } CE$



Find  $x$  and  $y$



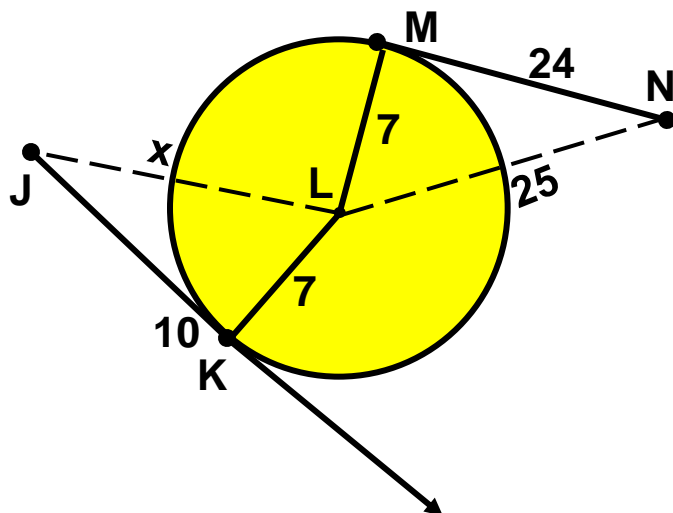
Using the graph to the left with  
 $m \text{ arc } DB = 110^\circ$ ,  $m \text{ arc } DC = 40^\circ$ ,  
 DG is a *diameter* and AG is a *tangent*,  
 find the following arcs and angles:

Arc BG = \_\_\_\_\_

Arc GC = \_\_\_\_\_

Angle	Type	Vertex	Sides	Measure
$\angle CAG$				
$\angle GFB$				
$\angle GCA$				
$\angle CED$				
$\angle DGA$				

Find the equation of a circle with a  
 radius of 3 and a center at (2, -3)



Is MN tangent to circle L?

Assume JK is tangent to circle L, find JL