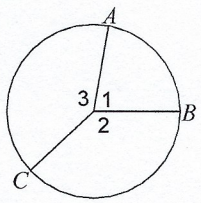
Ch 10 Circles Quiz

Name_____

Date_____

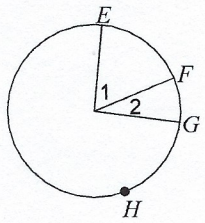
Name the arc made by the given angle.

1) Major arc for $\angle 1$



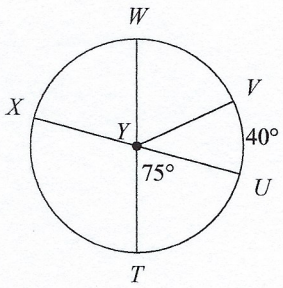
Name the central angle of the given arc.

2) $\overset{\frown}{FG}$

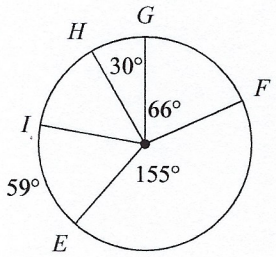


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

3) $m\angle WYV$

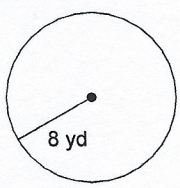


4) $m\overset{\frown}{FEI}$



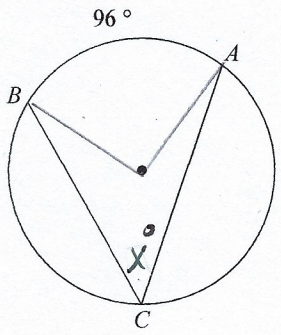
Find the circumference of this circle. Use your calculator's value of π. Round your answer to the nearest tenth.

5)

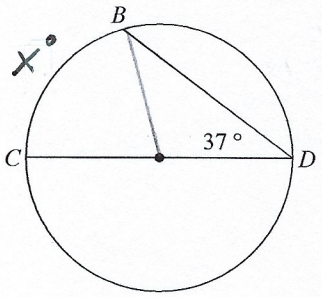


Find the measure of the arc or angle indicated.

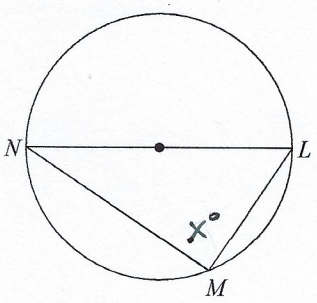
6)



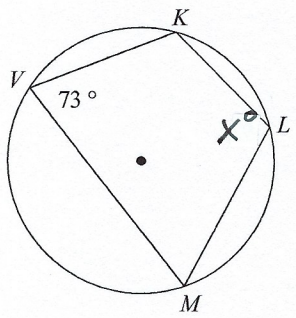
7)



8)

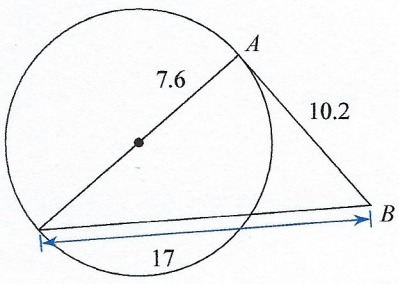


9)



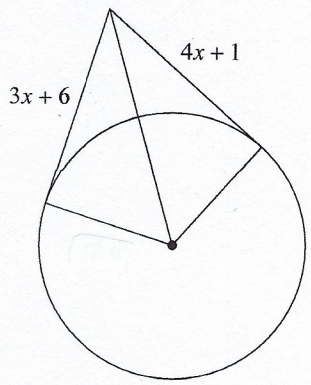
Determine if line AB is tangent to the circle.

10)



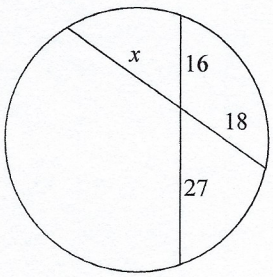
Solve for x. Assume that lines which appear to be tangent are tangent.

11)

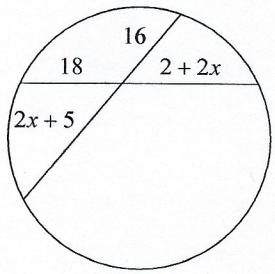


Solve for x.

12)



13)



Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

14)