

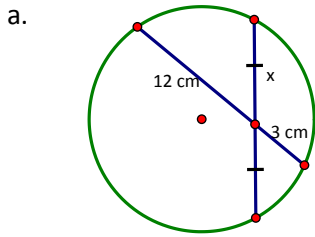
Geometry (G.C.2)

Unit Five: Circles – Segment Relationships (HW11)

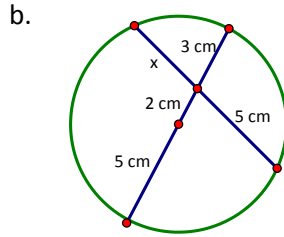
Name: _____

Date: _____ Period: _____

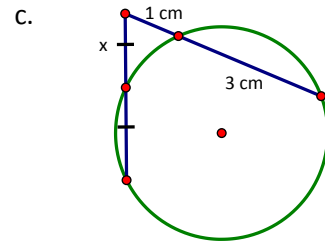
1. Determine the value of x in each circle below.



$x =$ _____

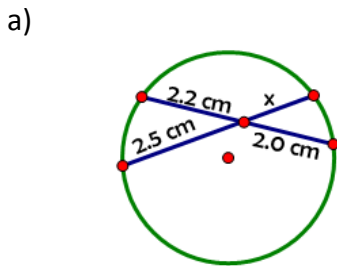


$x =$ _____

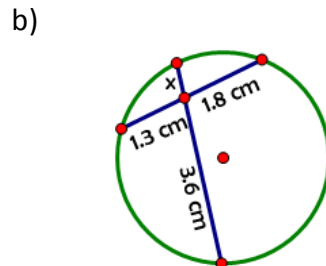


$x =$ _____

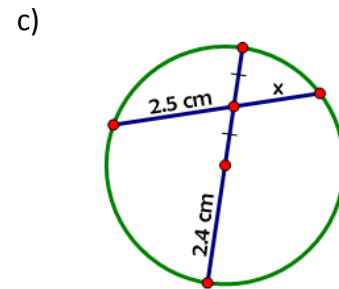
2. Determine the value of x .



$x =$ _____

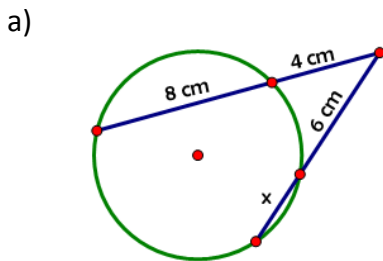


$x =$ _____

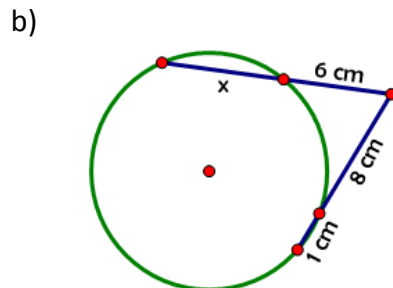


$x =$ _____

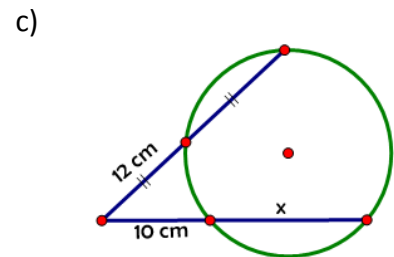
3. Determine the value of x . (Lines that appear to be tangent are tangent.)



$x =$ _____

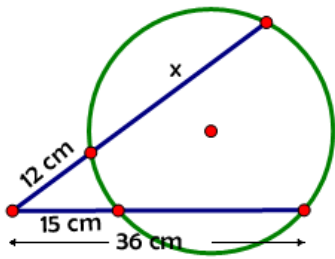


$x =$ _____



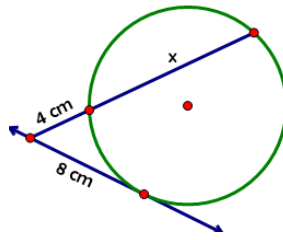
$x =$ _____

d)



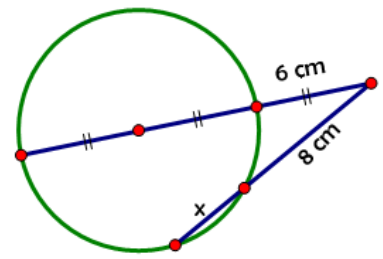
$x = \underline{\hspace{2cm}}$

e)



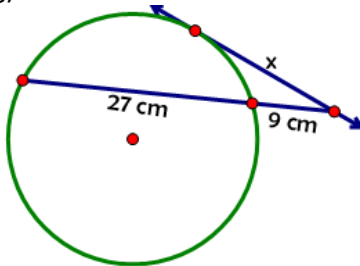
$x = \underline{\hspace{2cm}}$

f)



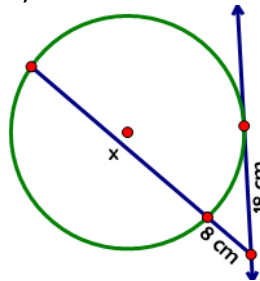
$x = \underline{\hspace{2cm}}$

g)



$x = \underline{\hspace{2cm}}$

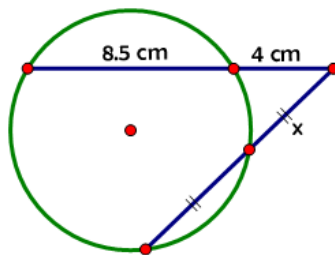
h)



$x = \underline{\hspace{2cm}}$

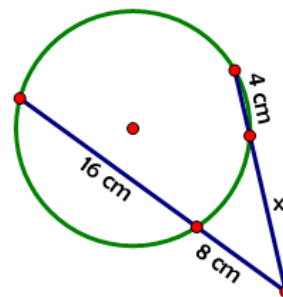
4. Determine the value of x. (Lines that appear to be tangent are tangent.)

a)



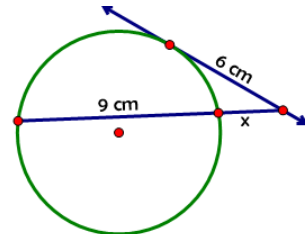
$x = \underline{\hspace{2cm}}$

b)



$x = \underline{\hspace{2cm}}$

c)



$x = \underline{\hspace{2cm}}$