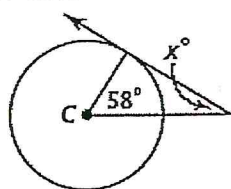


# Practice 1 on Tangent Lines

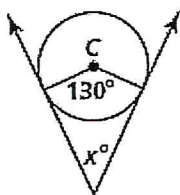
Name: \_\_\_\_\_

Assume that lines that appear to be tangent are tangent.  $C$  is the center of each circle. Find the value of  $x$ .

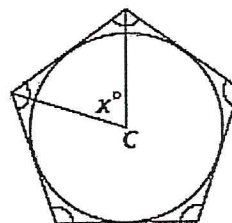
1.



2.

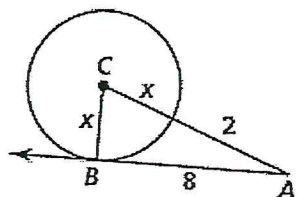


3.

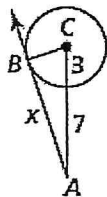


In each diagram,  $\overrightarrow{AB}$  is tangent to  $\odot C$  at  $B$ . Find the value of  $x$ .

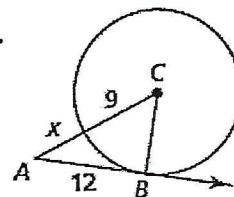
4.



5.

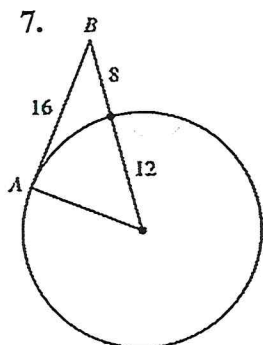


6.



Determine if line AB is tangent to the circle.

7.



8.

