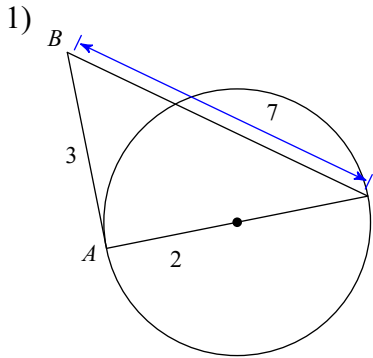
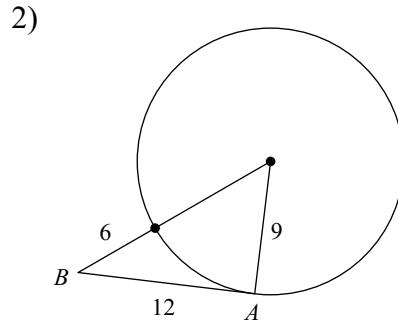


5.3 - Tangent Segments

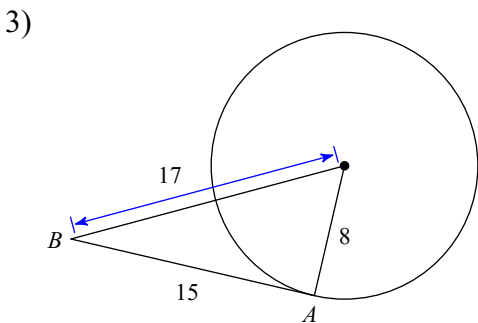
Determine if line AB is tangent to the circle.



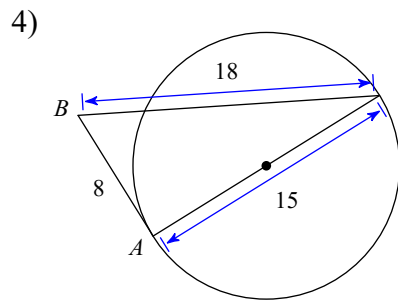
Not tangent



Tangent

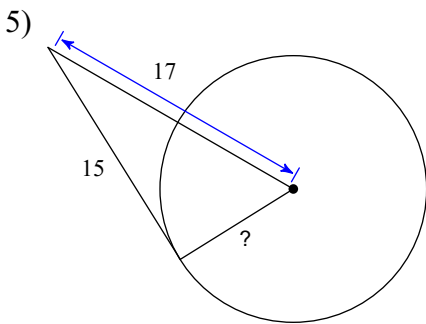


Tangent

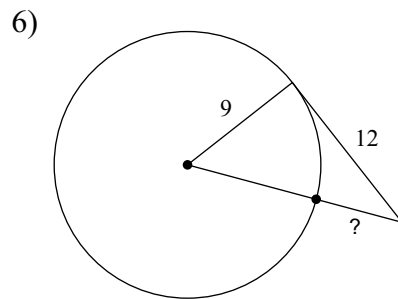


Not tangent

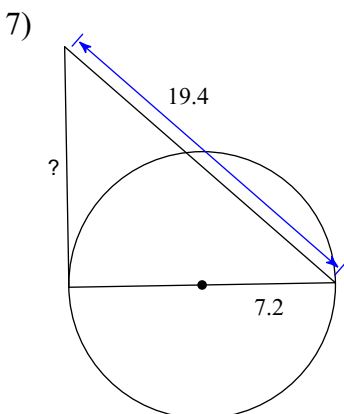
Find the segment length indicated. Assume that lines which appear to be tangent are tangent.



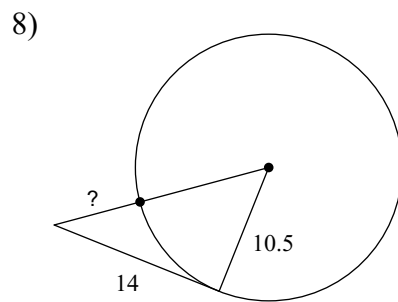
8



6



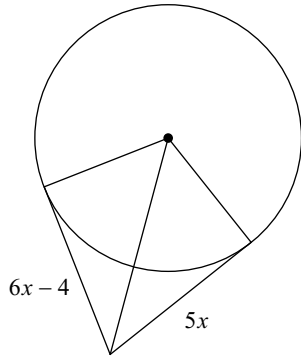
13



7

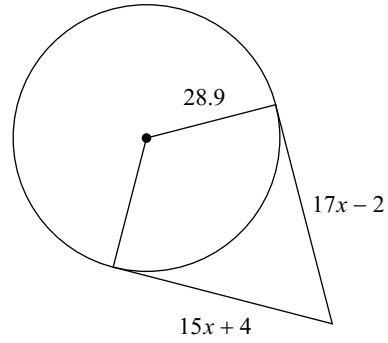
Solve for x . Assume that lines which appear to be tangent are tangent.

9)



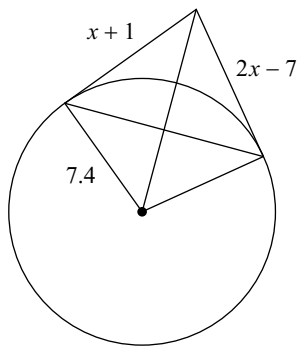
4

10)



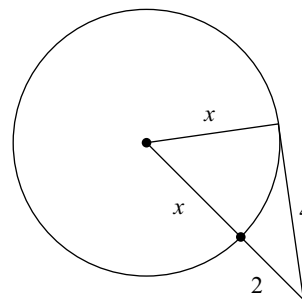
3

11)



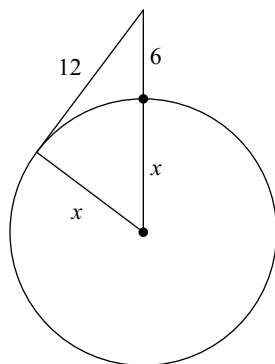
8

12)



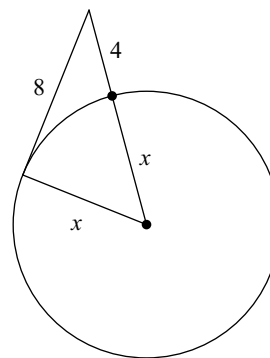
3

13)



9

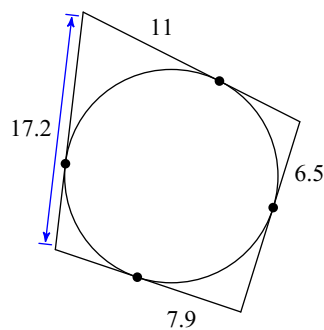
14)



6

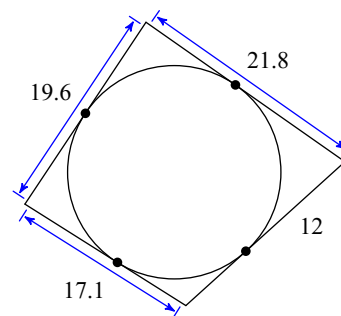
Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.

15)



63.2

16)



77.8