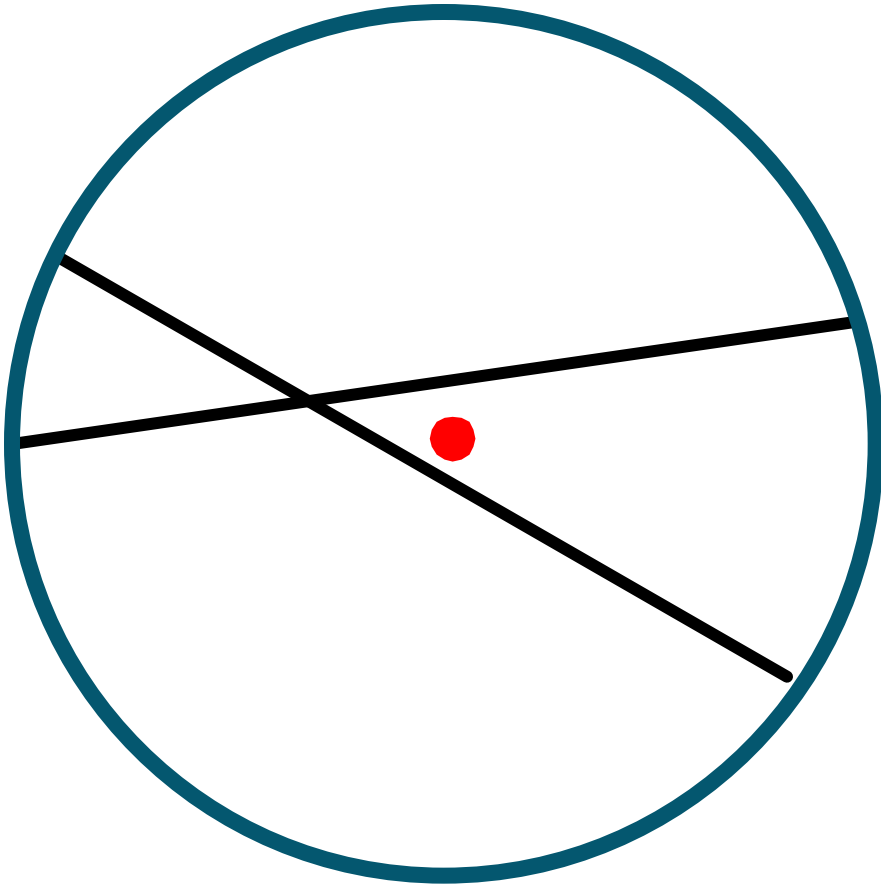


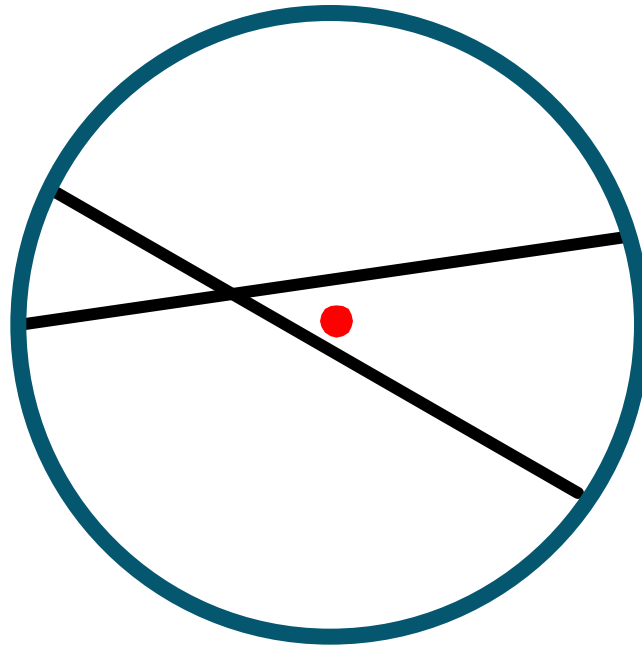
# 12.6

## Segments of Chords, Secants, and Tangents

# *Segments of Chord Theorem*



# *Segments of Chord Theorem*

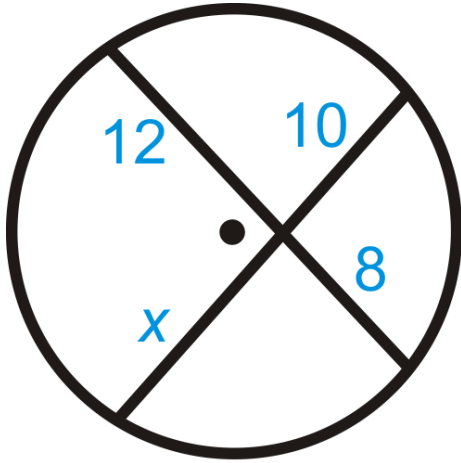


## Segments of Chords Theorem

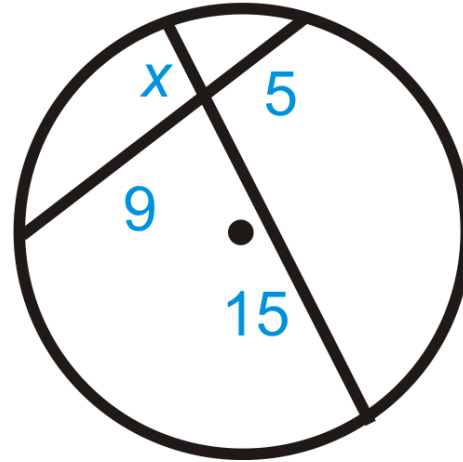
If two chords intersect in a circle then the \_\_\_\_\_ of the lengths of the segments of one chord is equal in measure to the \_\_\_\_\_ of the segments in the other chord.

# Practice

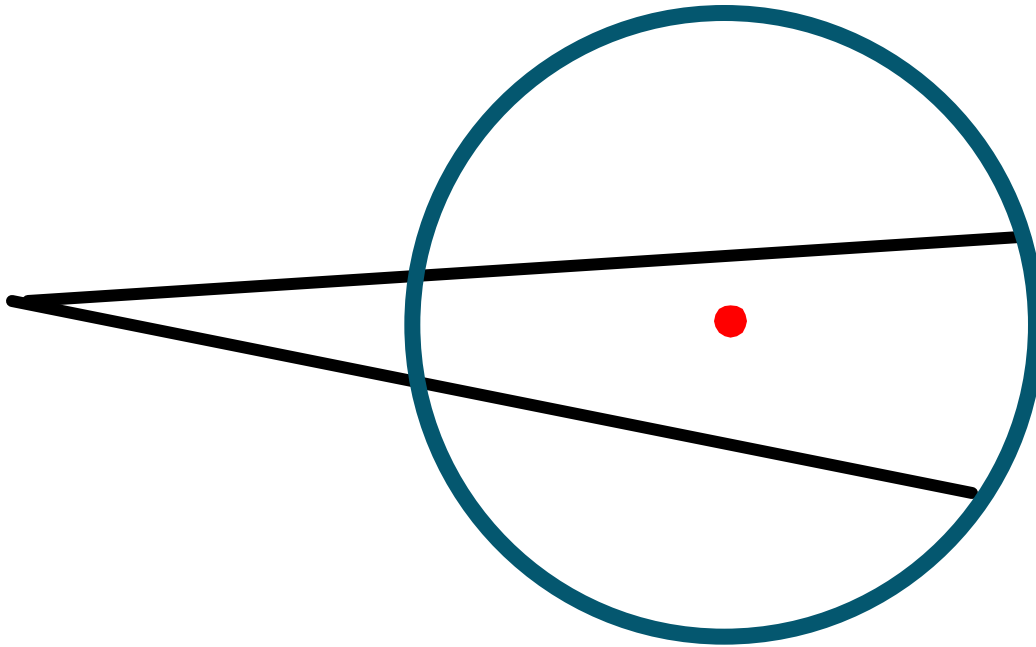
1)



2)



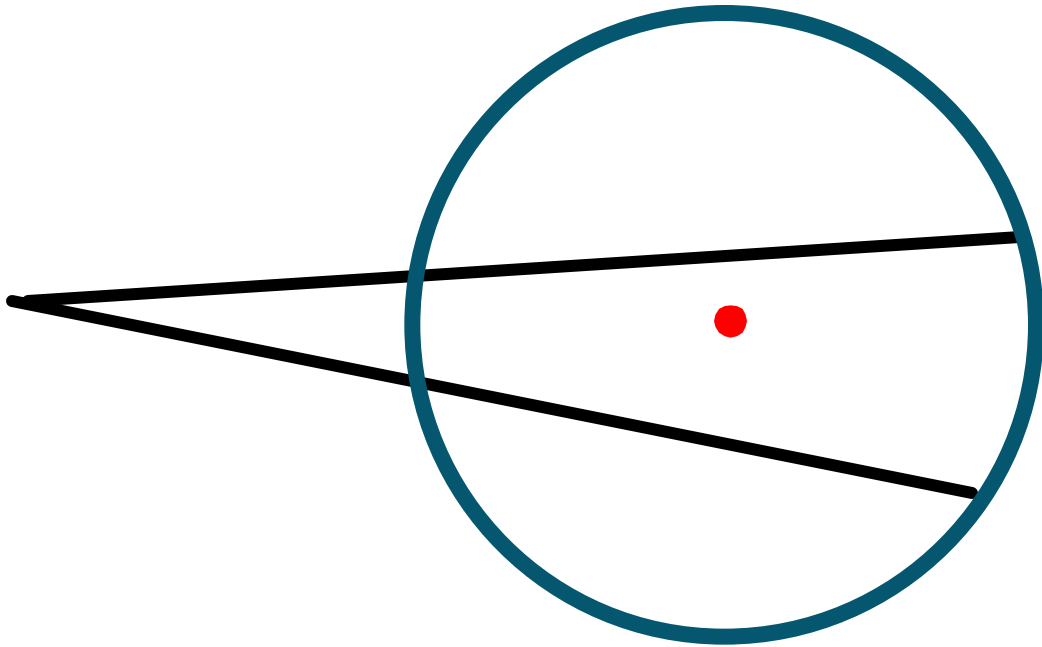
# *Secant Length Theorem*



## **Secant Length Theorem**

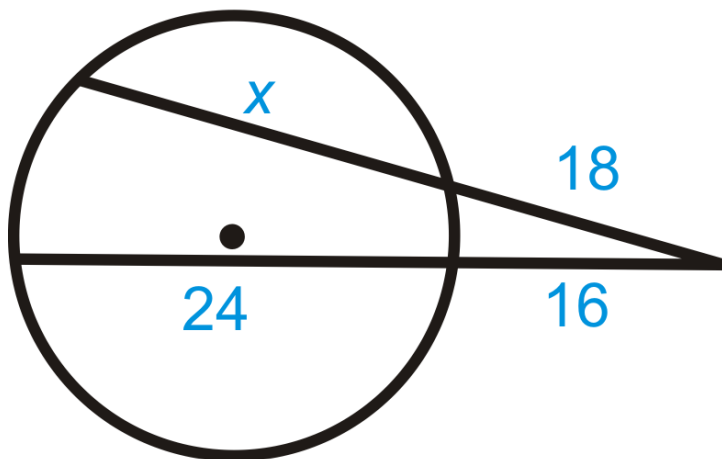
If two secant segments share the same endpoint outside a circle, then the \_\_\_\_\_ of the lengths of one secant and its external part is equal to the \_\_\_\_\_ of the other secant and its external part.

# *Secant Length Theorem*

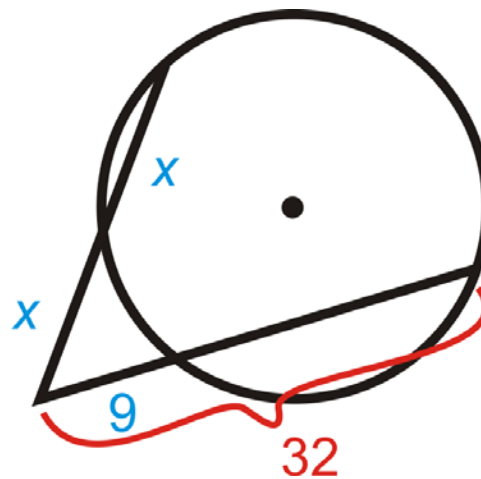


# Practice

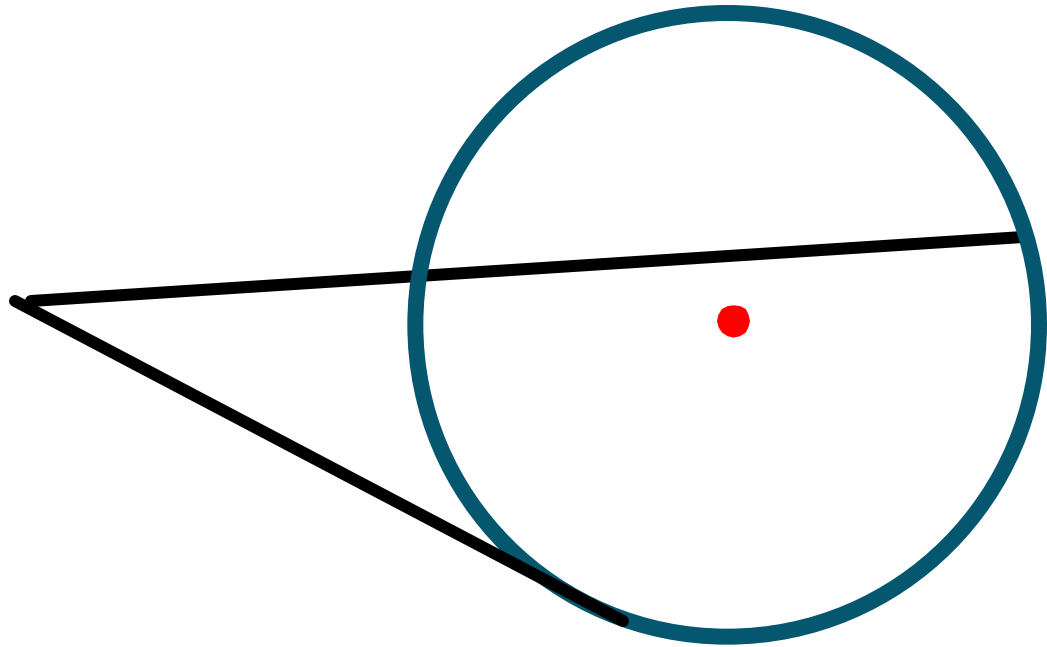
3)



4)

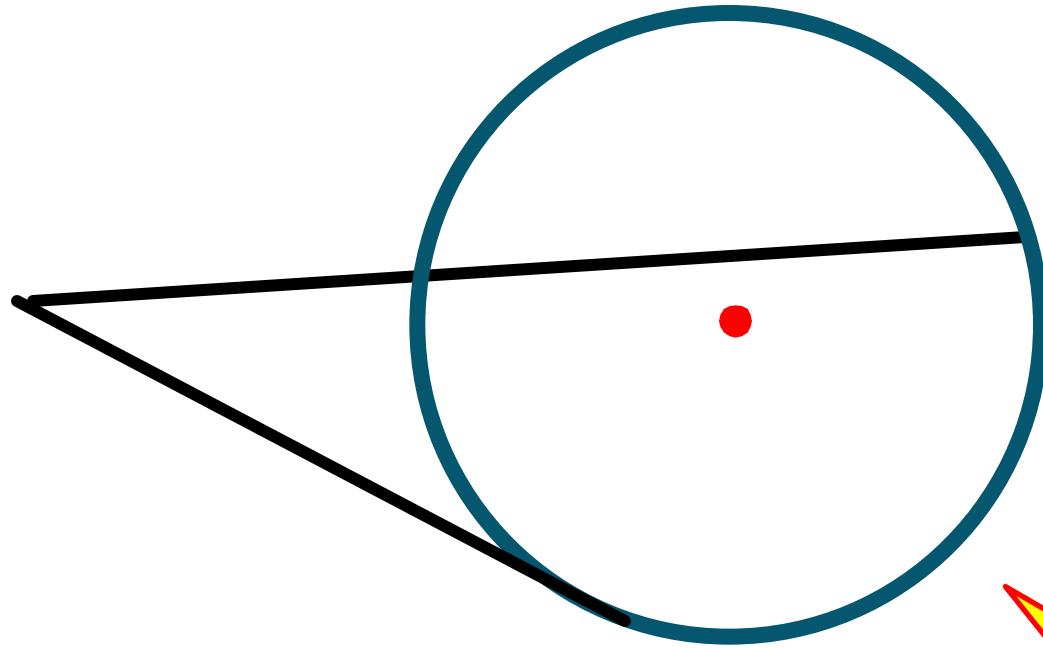


# *Secants/Tangent Lengths Theorem*





# *Secants/Tangent Lengths Theorem*

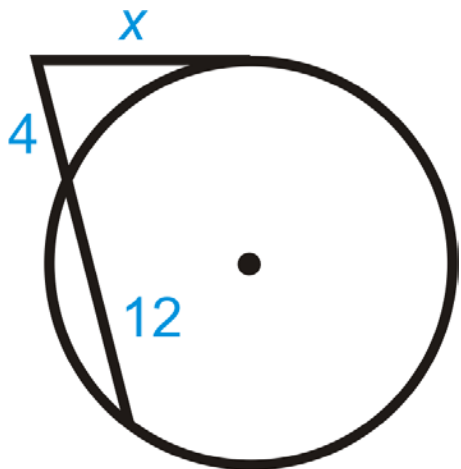


## Secants/Tangents Lengths Theorem

If a secant and a tangent segment share the same endpoint outside a circle, then the \_\_\_\_\_ of the lengths of the secant and its external part is equal to the \_\_\_\_\_ of the tangent segment

# Practice

5)



6)

