

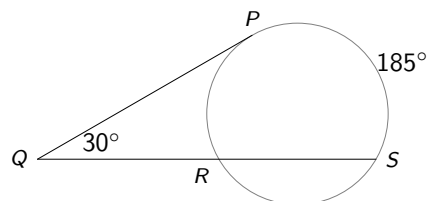
# Angle Measure and Segment Length in Circles

## Today I Can

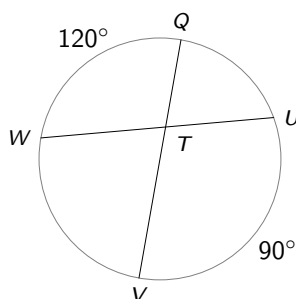
1. Find measures of angles formed by chords, secants, and tangents.
2. Find the lengths of segments associated with circles.

**Example 1.** Find the measure of the arc or angle indicated.

(a)  $m\widehat{PR}$

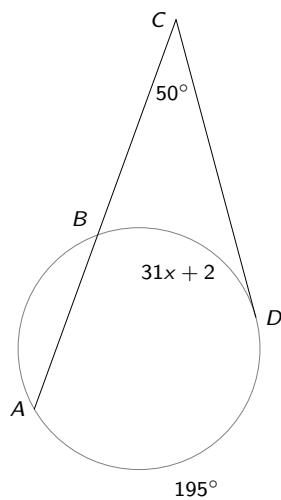


(b)  $m\angle VTU$

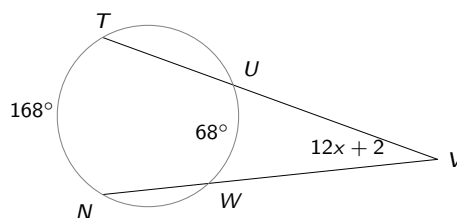


**Example 2.** Solve for  $x$  in each.

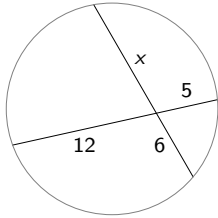
(a)



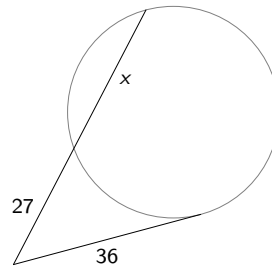
(b)



(c)



(d)



(e)

