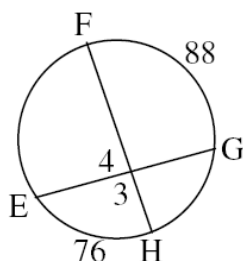


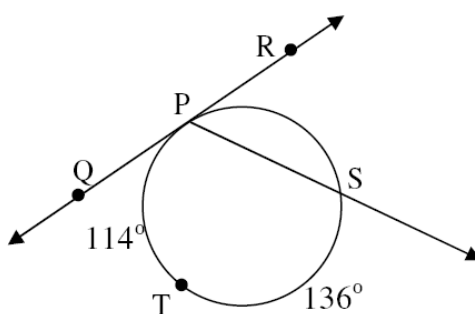
Name: _____

Angles Formed by Tangents, Chords, and Secants

Exercise 1: Find $m \angle 4$ if $mFG = 88^\circ$ and $mEH = 76^\circ$

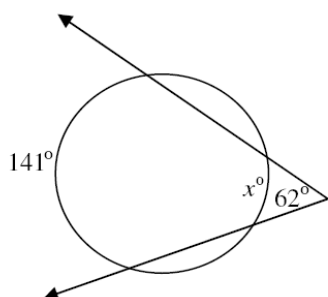


Exercise 2: Find $m \angle RPS$ if $mPT = 114^\circ$ and $mTS = 136^\circ$

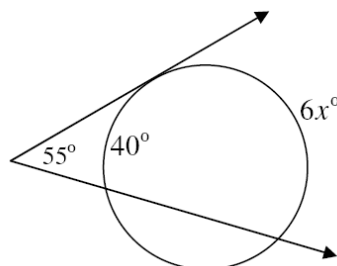


Exercise 3: Find the value of x .

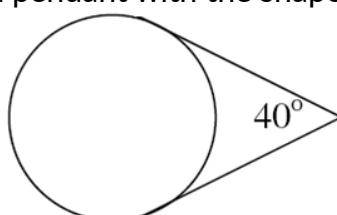
1)



2)



Exercise 4: A jeweler wants to craft a pendant with the shape shown.



Use the figure to determine the measure of the arc at the bottom of the pendant.