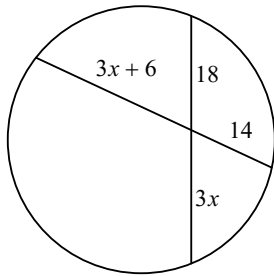


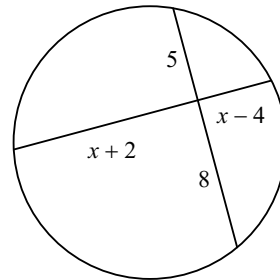
11.REV.3 ~ Lessons 11.1 - 11.4

Use the Segment-Chord Theorem to set up and solve an equation to find the value of x .

1)

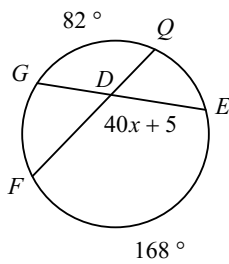


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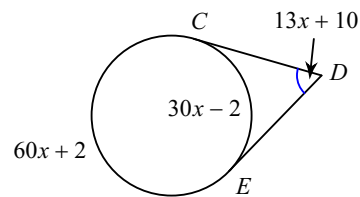


Set up and solve an equation to find the value of x . Assume that lines which appear tangent are tangent.

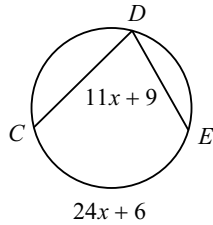
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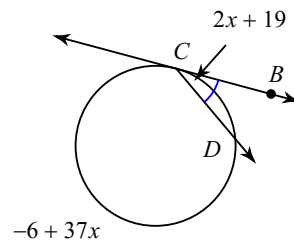
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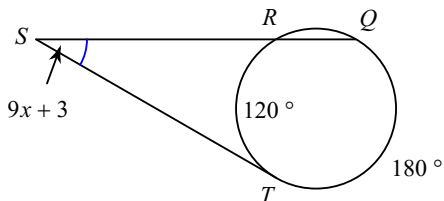
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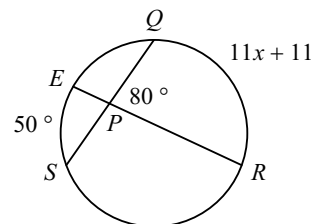
6)



7)



8)



9) Draw a circle centered at A . Use a straight edge to draw the following: diameter BC , chord BE , secant CF , and a tangent line with E as the point of tangency.