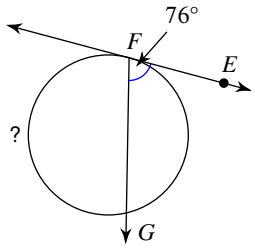
Kuta Software - Infinite Geometry Name_____

Secant-Tangent and Tangent-Tangent Angles

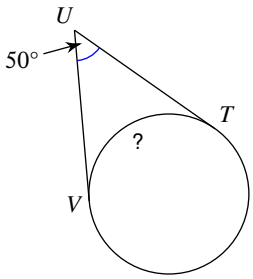
Date_____ Period____

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

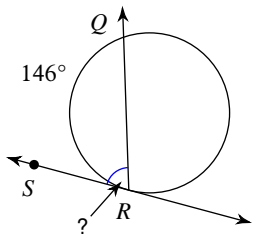
1)



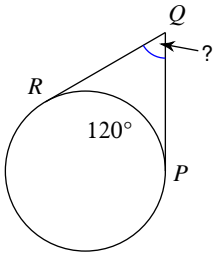
2)



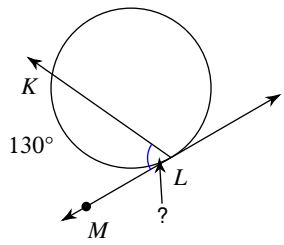
3)



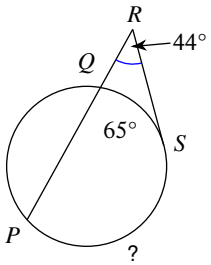
4)



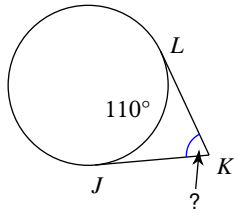
5)



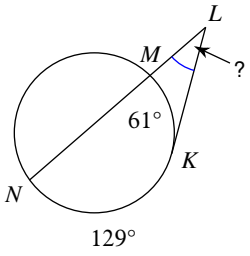
6)



7)

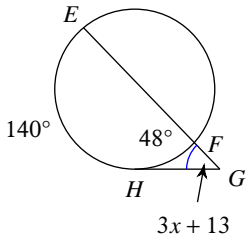


8)

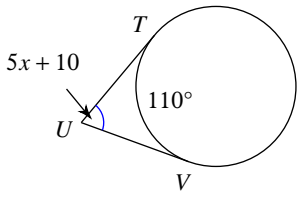


Solve for x. Assume that lines which appear tangent are tangent.

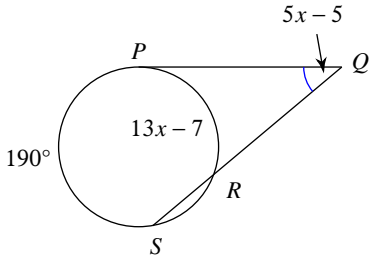
9)



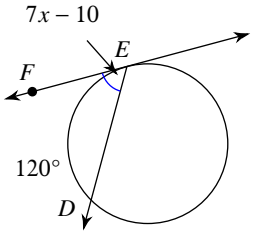
10)



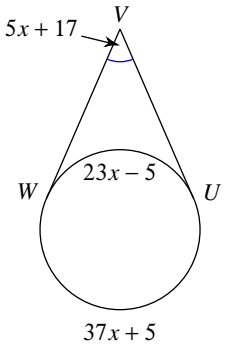
11)



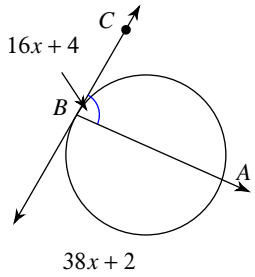
12)



13)

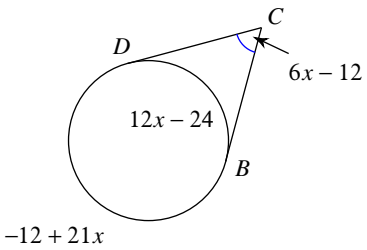


14)

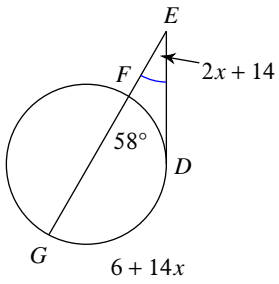


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

15) Find $m\widehat{BD}$



16) Find $m\angle DEG$



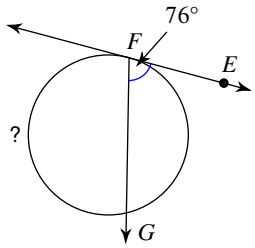
Kuta Software - Infinite Geometry Name_____

Secant-Tangent and Tangent-Tangent Angles

Date_____ Period____

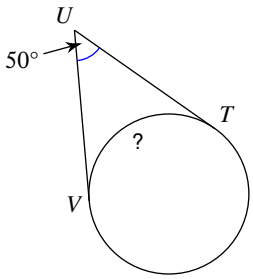
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



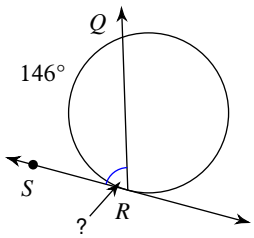
208°

2)



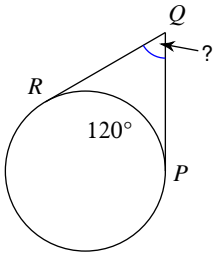
130°

3)



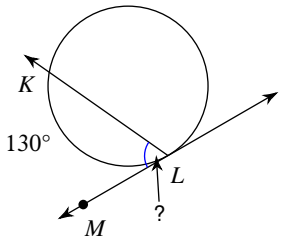
73°

4)



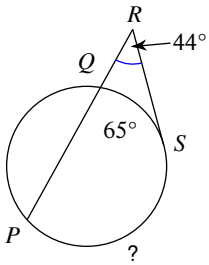
60°

5)



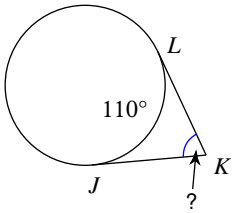
65°

6)



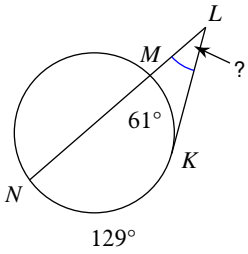
153°

7)



70°

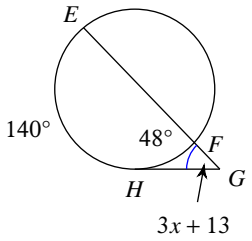
8)



34°

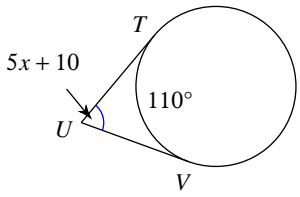
Solve for x. Assume that lines which appear tangent are tangent.

9)



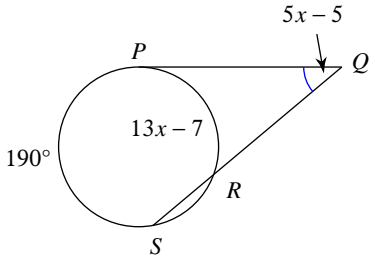
11

10)



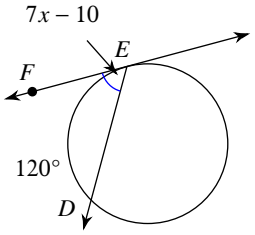
12

11)



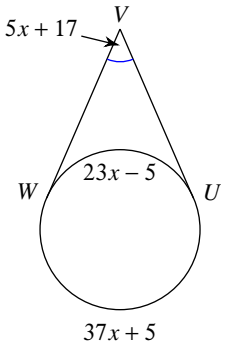
9

12)



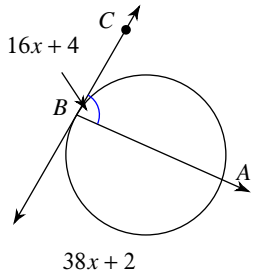
10

13)



6

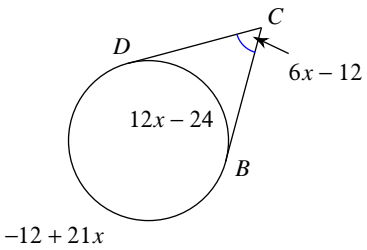
14)



5

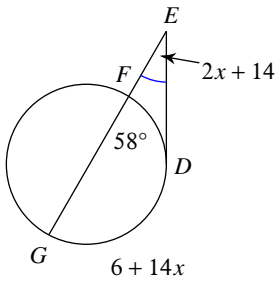
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

15) Find $m\widehat{BD}$



120°

16) Find $m\angle DEG$



30°

Create your own worksheets like this one with **Infinite Geometry**. Free trial available at KutaSoftware.com