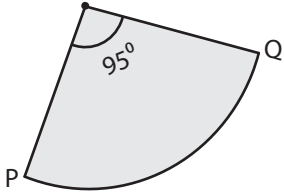


# Finding Area of the Sector from Arc Length

Find the area of each sector. Round your answer to two decimal places.  
(Use 3.14 for  $\pi$ .)

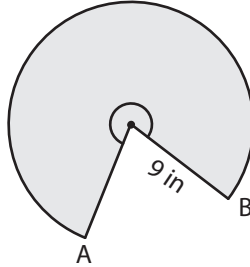
1)



Length of the arc PQ = 26.52 yd

\_\_\_\_\_

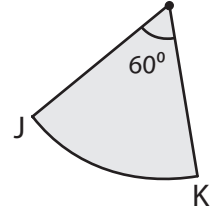
2)



Length of the arc AB = 44.75 in

\_\_\_\_\_

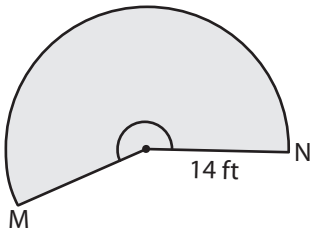
3)



Length of the arc JK = 4.19 ft

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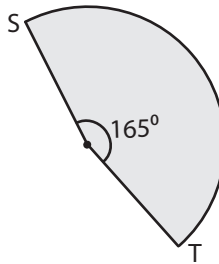
4)



Length of the arc MN = 50.07 ft

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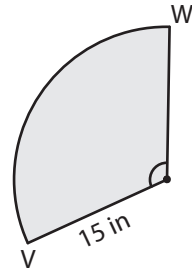
5)



Length of the arc ST = 20.15 yd

\_\_\_\_\_

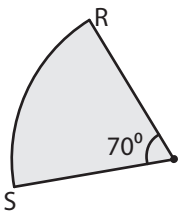
6)



Length of the arc VW = 30.09 in

\_\_\_\_\_

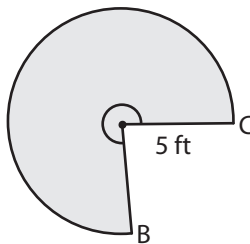
7)



Length of the arc RS = 9.77 in

\_\_\_\_\_

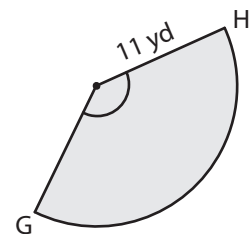
8)



Length of the arc BC = 23.99 ft

\_\_\_\_\_

9)



Length of the arc GH = 26.86 yd

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