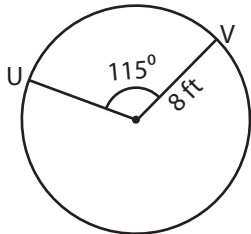


# Arc Length of the Sector

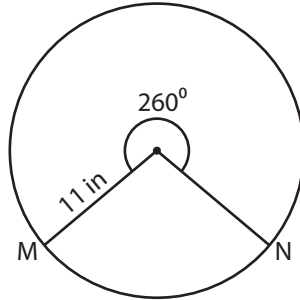
Find the arc length of each sector. Round your answer to two decimal places. (Use  $\pi = 3.14$ )

1)



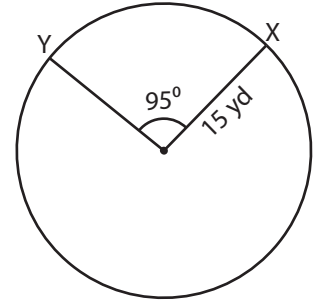
Length of the arc UV = \_\_\_\_\_

2)



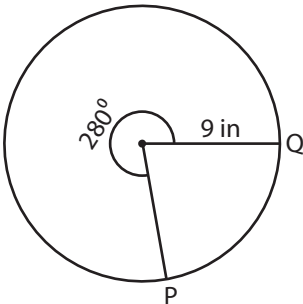
Length of the arc MN = \_\_\_\_\_

3)



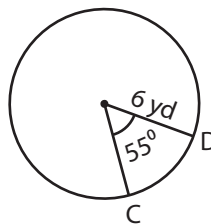
Length of the arc XY = \_\_\_\_\_

4)



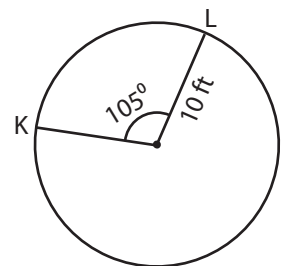
Length of the arc PQ = \_\_\_\_\_

5)



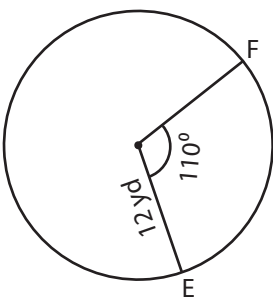
Length of the arc CD = \_\_\_\_\_

6)



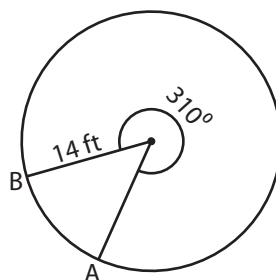
Length of the arc KL = \_\_\_\_\_

7)



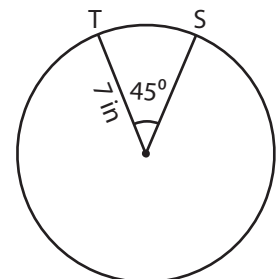
Length of the arc EF = \_\_\_\_\_

8)



Length of the arc AB = \_\_\_\_\_

9)



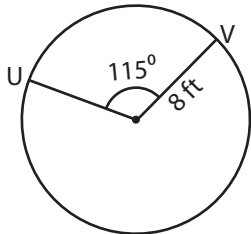
Length of the arc ST = \_\_\_\_\_

# Arc Length of the Sector

Answer Key

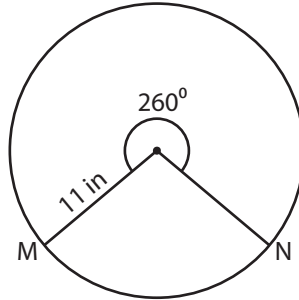
Find the arc length of each sector. Round your answer to two decimal places. (Use  $\pi = 3.14$ )

1)



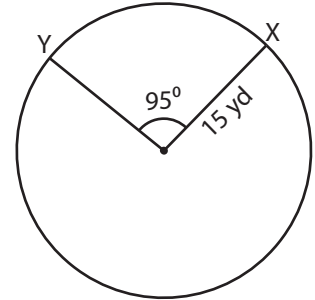
Length of the arc UV = 16.05 ft

2)



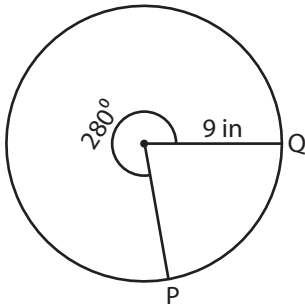
Length of the arc MN = 49.89 in

3)



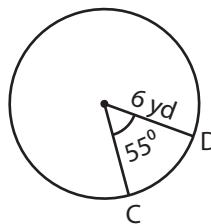
Length of the arc XY = 24.86 yd

4)



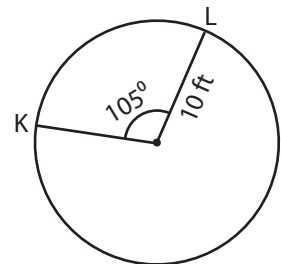
Length of the arc PQ = 43.96 in

5)



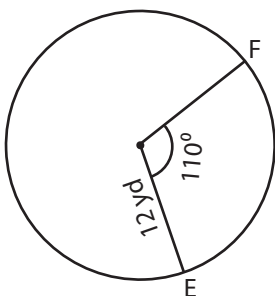
Length of the arc CD = 5.76 yd

6)



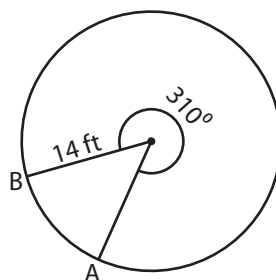
Length of the arc KL = 18.32 ft

7)



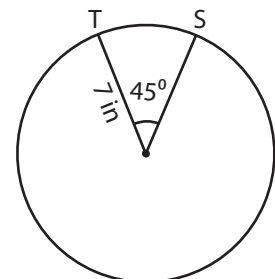
Length of the arc EF = 23.03 yd

8)



Length of the arc AB = 75.71 ft

9)



Length of the arc ST = 5.5 in