

Assignment

Find the length of each arc.

1) $r = 6$ yd, $\theta = 315^\circ$

2) $r = 9$ yd, $\theta = 210^\circ$

3) $r = 12$ ft, $\theta = 225^\circ$

4) $r = 12$ ft, $\theta = 150^\circ$

Find the length of each arc. Round your answers to the nearest tenth.

5) $r = 11$ cm, $\theta = 150^\circ$

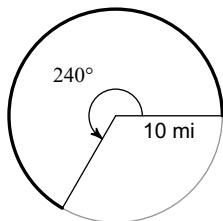
6) $r = 9$ ft, $\theta = 75^\circ$

7) $r = 10$ cm, $\theta = 120^\circ$

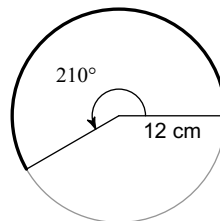
8) $r = 11$ yd, $\theta = 60^\circ$

Find the length of each arc.

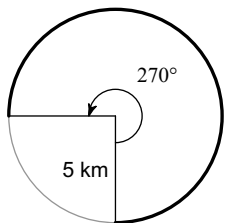
9)



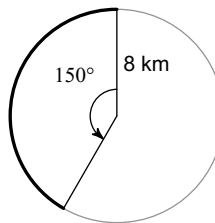
10)



11)

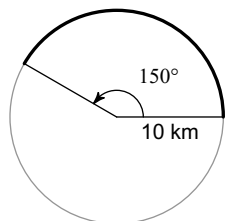


12)

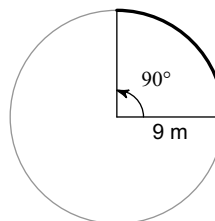


Find the length of each arc. Round your answers to the nearest tenth.

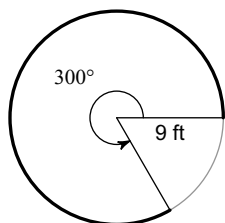
13)



14)



15)



16)

