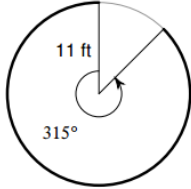


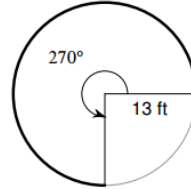
Name _____

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

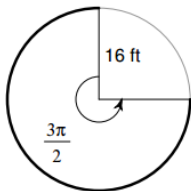
1)



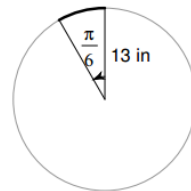
2)



3)



4)



5) $r = 18 \text{ cm}, \theta = 60^\circ$

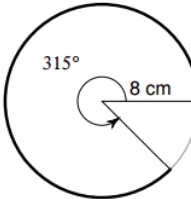
6) $r = 16 \text{ m}, \theta = 75^\circ$

7) $r = 9 \text{ ft}, \theta = \frac{7\pi}{4}$

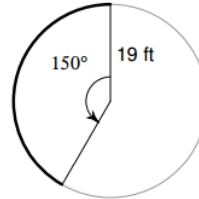
8) $r = 14 \text{ ft}, \theta = \frac{19\pi}{12}$

Find the length of each arc. Do not round.

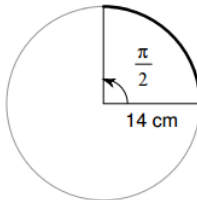
9)



10)



11)



12)

