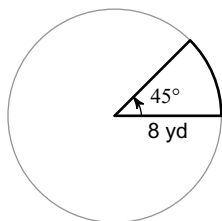
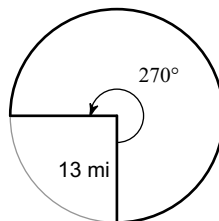


Find the area of each sector.

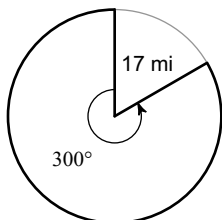
1)



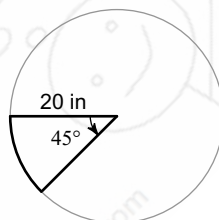
2)



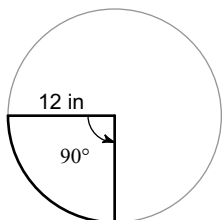
3)



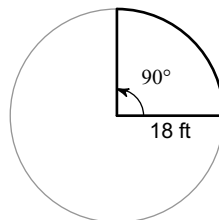
4)



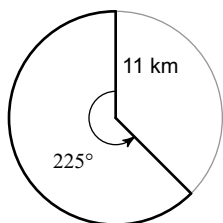
5)



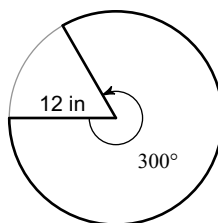
6)



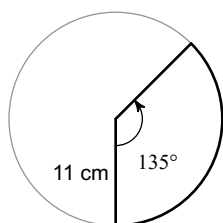
7)



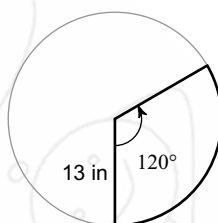
8)



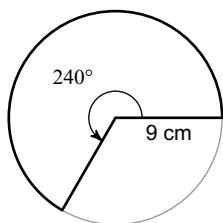
9)



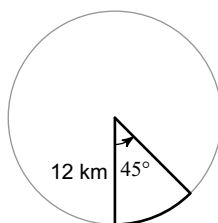
10)



11)



12)



Answers to

1) $8\pi \text{ yd}^2$

2) $\frac{507\pi}{4} \text{ mi}^2$

3) $\frac{1445\pi}{6} \text{ mi}^2$

4) $50\pi \text{ in}^2$

5) $36\pi \text{ in}^2$

6) $81\pi \text{ ft}^2$

7) $\frac{605\pi}{8} \text{ km}^2$

8) $120\pi \text{ in}^2$

9) $\frac{363\pi}{8} \text{ cm}^2$

10) $\frac{169\pi}{3} \text{ in}^2$

11) $54\pi \text{ cm}^2$

12) $18\pi \text{ km}^2$

