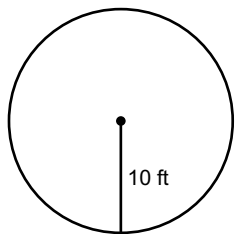


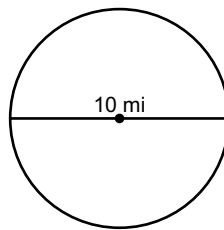
4B - REVIEW

Find the circumference of each circle.

1)



2)



Find the radius of each circle.

3) circumference = 22π in

4) circumference = 18π yd

5) circumference = 8π in

6) circumference = 6π yd

Find the circumference of each circle.

7) area = 49π yd²

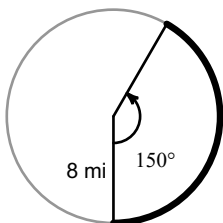
8) area = 81π ft²

9) area = 121π ft²

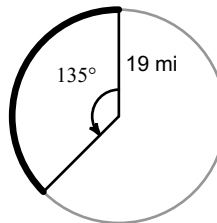
10) area = 25π km²

Find the length of each arc.

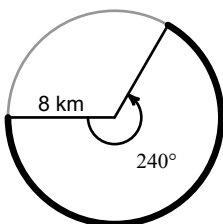
11)



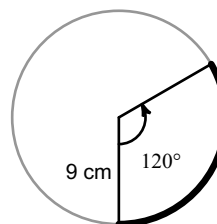
12)



13)

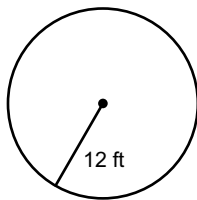


14)

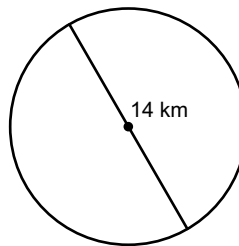


Find the area of each.

15)



16)



Find the radius of each circle.

17) area = 25π cm²

18) area = 9π mi²

19) area = 36π km²

20) area = 64π m²

Find the area of each.

21) circumference = 24π ft

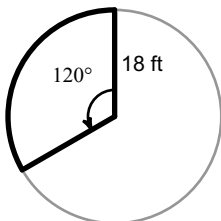
22) circumference = 12π cm

23) circumference = 20π mi

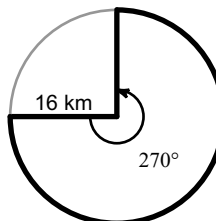
24) circumference = 10π ft

Find the area of each sector.

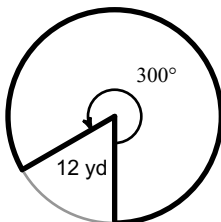
25)



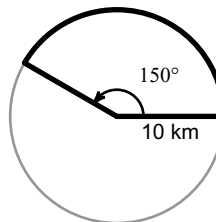
26)



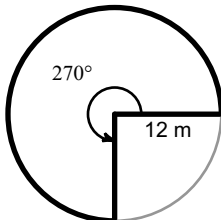
27)



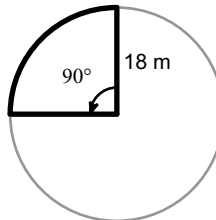
28)



29)



30)



Answers to 4B - REVIEW

- | | | | |
|------------------------------|------------------------------|------------------------------|--|
| 1) 20π ft | 2) 10π mi | 3) 11 in | 4) 9 yd |
| 5) 4 in | 6) 3 yd | 7) 14π yd | 8) 18π ft |
| 9) 22π ft | 10) 10π km | 11) $\frac{20\pi}{3}$ mi | 12) $\frac{57\pi}{4}$ mi |
| 13) $\frac{32\pi}{3}$ km | 14) 6π cm | 15) 144π ft ² | 16) 49π km ² |
| 17) 5 cm | 18) 3 mi | 19) 6 km | 20) 8 m |
| 21) 144π ft ² | 22) 36π cm ² | 23) 100π mi ² | 24) 25π ft ² |
| 25) 108π ft ² | 26) 192π km ² | 27) 120π yd ² | 28) $\frac{125\pi}{3}$ km ² |
| 29) 108π m ² | 30) 81π m ² | | |