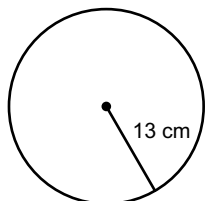


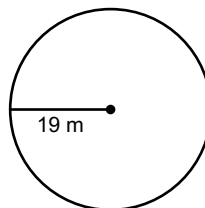
4.6 - Circumference & Area

Find the circumference of each circle.

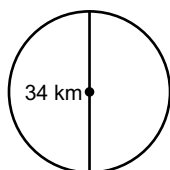
1)



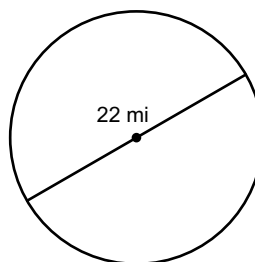
2)



3)



4)



Find the radius of each circle.

5) circumference = 10π yd

6) circumference = 28π ft

7) circumference = 32π yd

8) circumference = 24π km

Find the diameter of each circle.

9) circumference = 18π cm

10) circumference = 6π yd

Find the area of each.

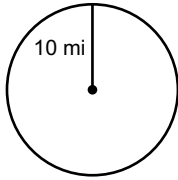
11) circumference = 14π mi

12) circumference = 24π m

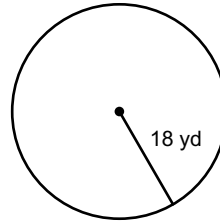
13) circumference = 8π yd

14) circumference = 28π in

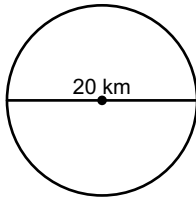
15)



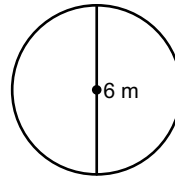
16)



17)



18)



Find the radius of each circle.

19) area = 225π yd²

20) area = 361π in²

21) area = 324π km²

22) area = 256π cm²

Find the diameter of each circle.

23) area = 81π cm²

24) area = 64π cm²

25) area = 36π mi²

26) area = 121π in²

Find the circumference of each circle.

27) area = 36π km²

28) area = 121π yd²

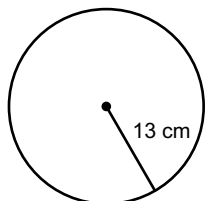
29) area = 64π km²

30) area = 256π mi²

4.6 - Circumference & Area

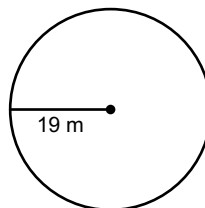
Find the circumference of each circle.

1)



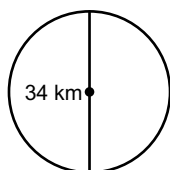
26π cm

2)



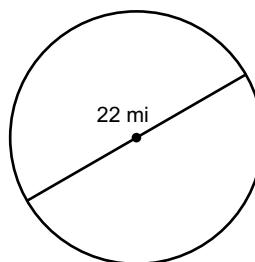
38π m

3)



34π km

4)



22π mi

Find the radius of each circle.

5) circumference = 10π yd

5 yd

6) circumference = 28π ft

14 ft

7) circumference = 32π yd

16 yd

8) circumference = 24π km

12 km

Find the diameter of each circle.

9) circumference = 18π cm

18 cm

10) circumference = 6π yd

6 yd

Find the area of each.

11) circumference = 14π mi

49π mi²

12) circumference = 24π m

144π m²

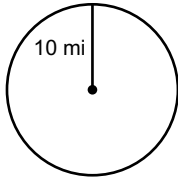
13) circumference = 8π yd

16π yd²

14) circumference = 28π in

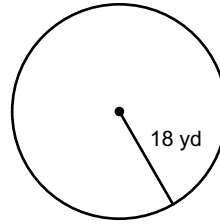
196π in²

15)



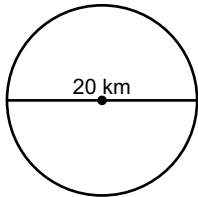
$$100\pi \text{ mi}^2$$

16)



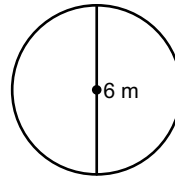
$$324\pi \text{ yd}^2$$

17)



$$100\pi \text{ km}^2$$

18)



$$9\pi \text{ m}^2$$

Find the radius of each circle.

19) area = $225\pi \text{ yd}^2$

$$15 \text{ yd}$$

20) area = $361\pi \text{ in}^2$

$$19 \text{ in}$$

21) area = $324\pi \text{ km}^2$

$$18 \text{ km}$$

22) area = $256\pi \text{ cm}^2$

$$16 \text{ cm}$$

Find the diameter of each circle.

23) area = $81\pi \text{ cm}^2$

$$18 \text{ cm}$$

24) area = $64\pi \text{ cm}^2$

$$16 \text{ cm}$$

25) area = $36\pi \text{ mi}^2$

$$12 \text{ mi}$$

26) area = $121\pi \text{ in}^2$

$$22 \text{ in}$$

Find the circumference of each circle.

27) area = $36\pi \text{ km}^2$

$$12\pi \text{ km}$$

28) area = $121\pi \text{ yd}^2$

$$22\pi \text{ yd}$$

29) area = $64\pi \text{ km}^2$

$$16\pi \text{ km}$$

30) area = $256\pi \text{ mi}^2$

$$32\pi \text{ mi}$$