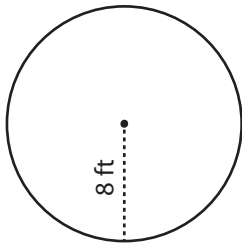


Area & Circumference

Find the exact area and circumference of each circle.

1)



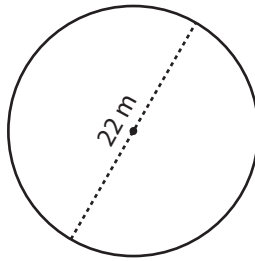
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

2)



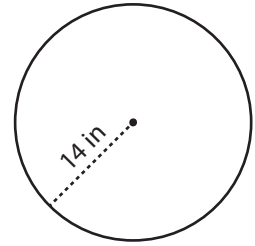
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

3)



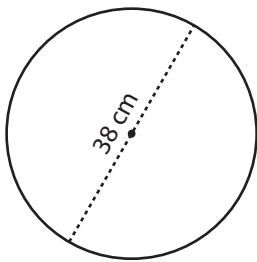
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

4)



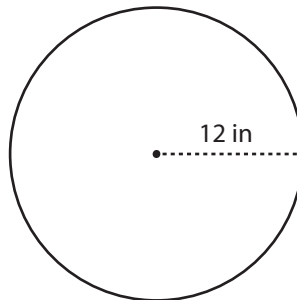
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

5)



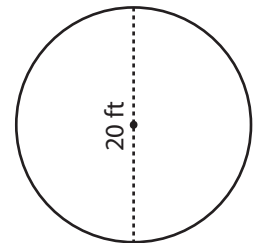
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

6)



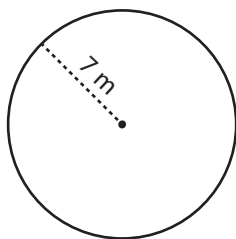
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

7)



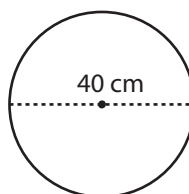
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

8)



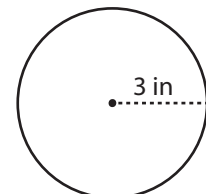
Radius = _____

Diameter = _____

Area = _____

Circumference = _____

9)



Radius = _____

Diameter = _____

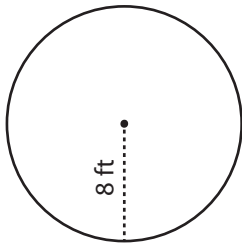
Area = _____

Circumference = _____

Answer Key

Find the exact area and circumference of each circle.

1)



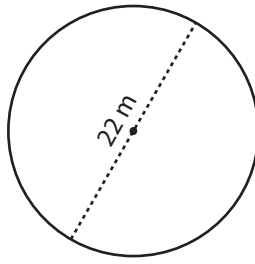
Radius = 8 ft

Diameter = 16 ft

Area = $64\pi \text{ ft}^2$

Circumference = $16\pi \text{ ft}$

2)



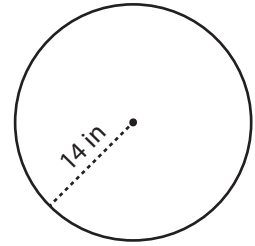
Radius = 11 m

Diameter = 22 m

Area = $121\pi \text{ m}^2$

Circumference = $22\pi \text{ m}$

3)



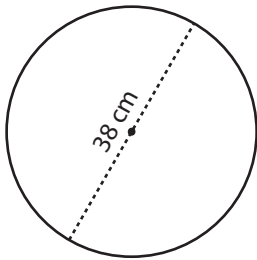
Radius = 14 in

Diameter = 28 in

Area = $196\pi \text{ in}^2$

Circumference = $28\pi \text{ in}$

4)



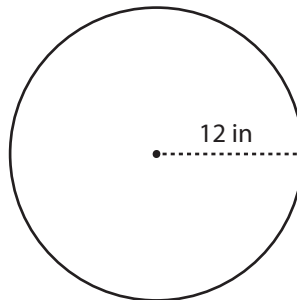
Radius = 19 cm

Diameter = 38 cm

Area = $361\pi \text{ cm}^2$

Circumference = $38\pi \text{ cm}$

5)



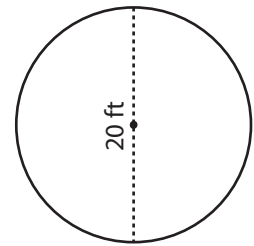
Radius = 12 in

Diameter = 24 in

Area = $144\pi \text{ in}^2$

Circumference = $24\pi \text{ in}$

6)



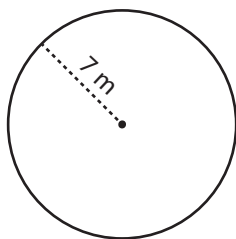
Radius = 10 ft

Diameter = 20 ft

Area = $100\pi \text{ ft}^2$

Circumference = $20\pi \text{ ft}$

7)



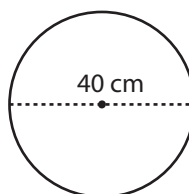
Radius = 7 m

Diameter = 14 m

Area = $49\pi \text{ m}^2$

Circumference = $14\pi \text{ m}$

8)



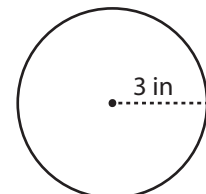
Radius = 20 cm

Diameter = 40 cm

Area = $400\pi \text{ cm}^2$

Circumference = $40\pi \text{ cm}$

9)



Radius = 3 in

Diameter = 6 in

Area = $9\pi \text{ in}^2$

Circumference = $6\pi \text{ in}$