# Circumference of circles

Name _____

Score _____

CC:03

Example 1: Find the circumference of the circle.

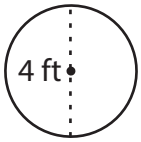

Circumference of circle = $2\pi r$

Radius (r) = 1 in

Circumference $= 2 \times \pi \times 1$

$= \mathbf{2\pi}$ **in**

Example 2: Find the circumference of the circle.




Diameter (d) = 2 × Radius (r)

Circumference of circle = $2\pi r$ or $\pi d$

diameter = 4 ft

Circumference $= \pi \times d$

$= \pi \times 4$

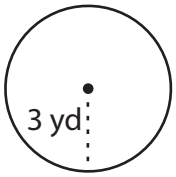
$= \mathbf{4\pi}$ **ft**

Find the circumference of each circle.

1)

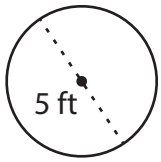

Circumference = _____

2)



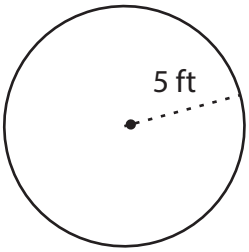

Circumference = _____

3)



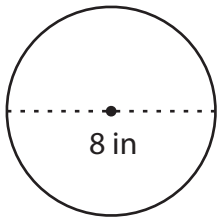

Circumference = _____

4)



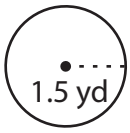

Circumference = _____

5)



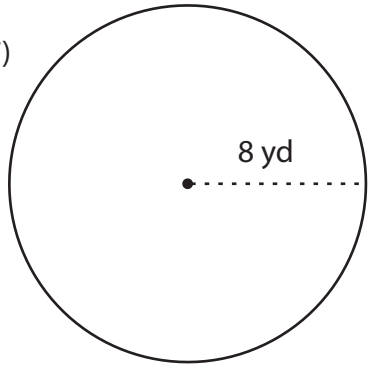

Circumference = _____

6)



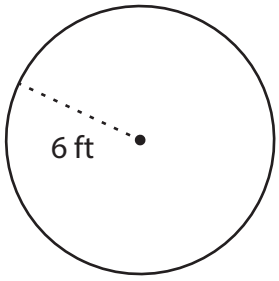

Circumference = _____

7)



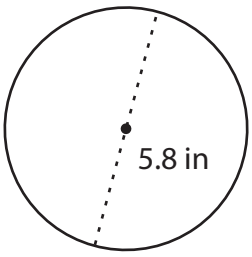

Circumference = _____

8)




Circumference = _____

9)




Circumference = _____

# Circumference of circles

Name _____

Score _____

## Answer key

CC:03

Example 1: Find the circumference of the circle.

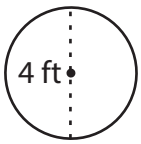

Circumference of circle = $2\pi r$

Radius (r) = 1 in

Circumference $= 2 \times \pi \times 1$

**$= 2\pi$ in**

Example 2: Find the circumference of the circle.




Diameter (d) = 2 × Radius (r)

Circumference of circle = $2\pi r$ or $\pi d$

diameter = 4 ft

Circumference $= \pi \times d$

$= \pi \times 4$

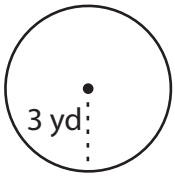
**$= 4\pi$ ft**

Find the circumference of each circle.

1)

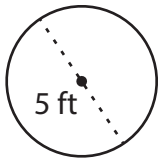

Circumference = **4.4π in**

2)



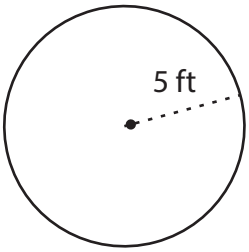

Circumference = **6π yd**

3)



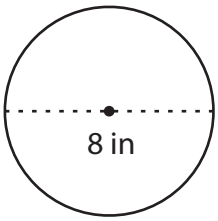

Circumference = **5π ft**

4)



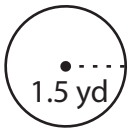

Circumference = **10π ft**

5)



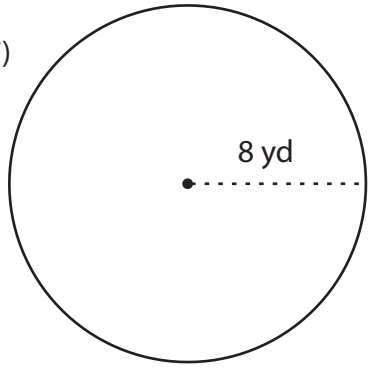

Circumference = **8π in**

6)



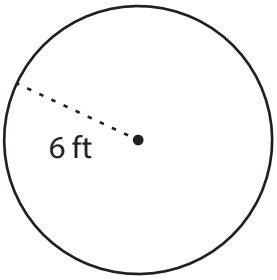

Circumference = **3π yd**

7)



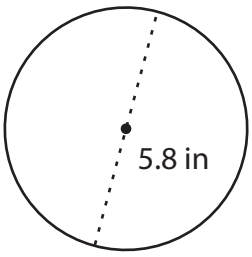

Circumference = **16π yd**

8)




Circumference = **12π ft**

9)




Circumference = **5.8π in**