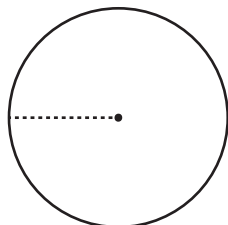


**Area**

Easy: 51

Find the area of each circle.

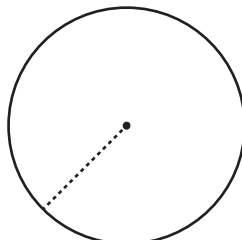
1)

Circumference =  $40\pi$  in

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

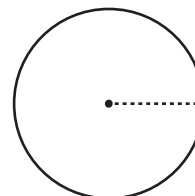
2)

Circumference =  $12\pi$  ft

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

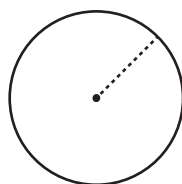
3)

Circumference =  $26\pi$  yd

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

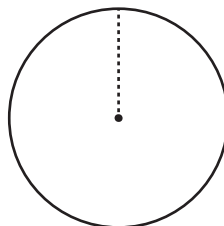
4)

Circumference =  $32\pi$  yd

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

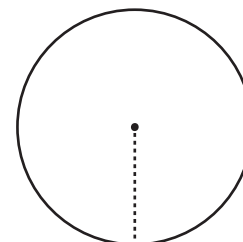
5)

Circumference =  $16\pi$  in

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

6)

Circumference =  $30\pi$  ft

Radius = \_\_\_\_\_

Area = \_\_\_\_\_

7) A circle has a circumference of  $22\pi$  ft. What is its area?

Area = \_\_\_\_\_

8) The circumference of a circular park is  $34\pi$  yd. What is the area of the park?

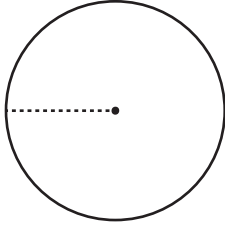
Area = \_\_\_\_\_

**Answer Key****Area**

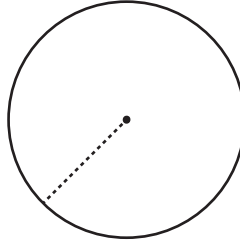
Easy: 51

Find the area of each circle.

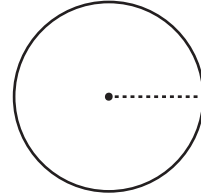
1)

Circumference =  $40\pi$  inRadius = 20 inArea =  $400\pi$  in<sup>2</sup>

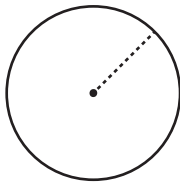
2)

Circumference =  $12\pi$  ftRadius = 6 ftArea =  $36\pi$  ft<sup>2</sup>

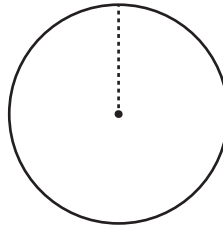
3)

Circumference =  $26\pi$  ydRadius = 13 ydArea =  $169\pi$  yd<sup>2</sup>

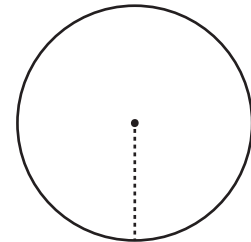
4)

Circumference =  $32\pi$  ydRadius = 16 ydArea =  $256\pi$  yd<sup>2</sup>

5)

Circumference =  $16\pi$  inRadius = 8 inArea =  $64\pi$  in<sup>2</sup>

6)

Circumference =  $30\pi$  ftRadius = 15 ftArea =  $225\pi$  ft<sup>2</sup>7) A circle has a circumference of  $22\pi$  ft. What is its area?Area =  $121\pi$  ft<sup>2</sup>8) The circumference of a circular park is  $34\pi$  yd. What is the area of the park?Area =  $289\pi$  yd<sup>2</sup>