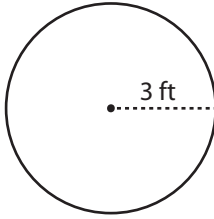


Circle - Area

Radius Easy: S2

Example :



$$\text{Area of a circle} = \pi r^2$$

$$\text{Radius } (r) = 3 \text{ ft}$$

$$\text{Area} = \pi r^2$$

$$= \pi \times 3 \times 3$$

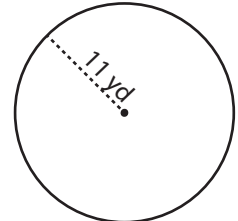
$$\text{Area} = \mathbf{9\pi \text{ ft}^2}$$

Find the exact area of each circle.

1)

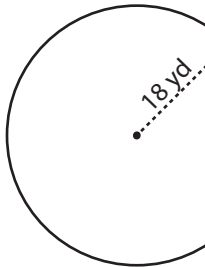
Area =

2)

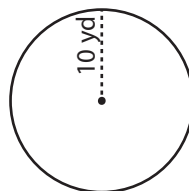
Area =

3)

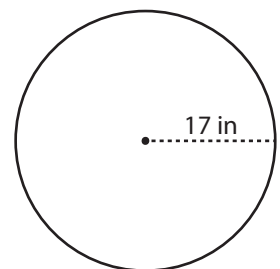
4)

Area =

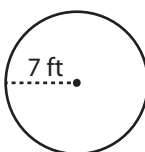
8)

Area =

9)

Area =

7)

Area =

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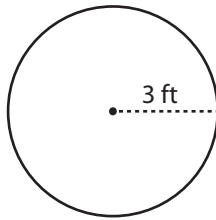
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Answer Key**Circle - Area**

Radius Easy: S2

Example :



$$\text{Area of a circle} = \pi r^2$$

$$\text{Radius } (r) = 3 \text{ ft}$$

$$\text{Area} = \pi r^2$$

$$= \pi \times 3 \times 3$$

$$\text{Area} = \mathbf{9\pi \text{ ft}^2}$$

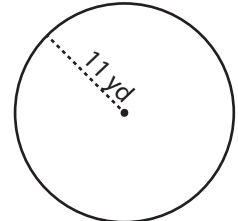
Find the exact area of each circle.

1)



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

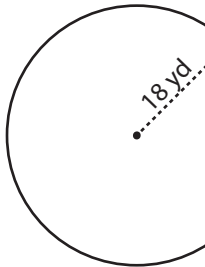
2)



$$\text{Area} = \mathbf{121\pi \text{ yd}^2}$$

3)

4)



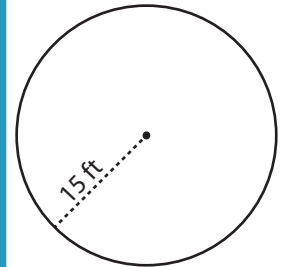
$$\text{Area} = \mathbf{324\pi \text{ yd}^2}$$

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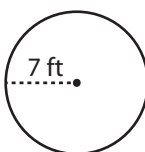
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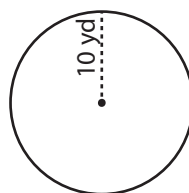
$$\text{Area} = \mathbf{225\pi \text{ ft}^2}$$

7)



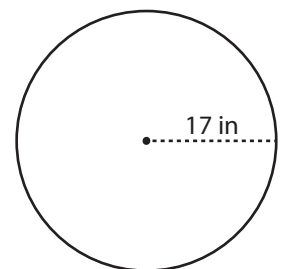
$$\text{Area} = \mathbf{49\pi \text{ ft}^2}$$

8)



$$\text{Area} = \mathbf{100\pi \text{ yd}^2}$$

9)



$$\text{Area} = \mathbf{289\pi \text{ in}^2}$$