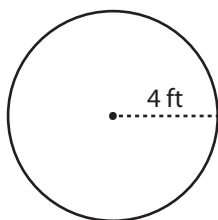


Circle - Area

Radius Easy: S1

Example :



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

$$\text{Radius } (r) = 4 \text{ ft}$$

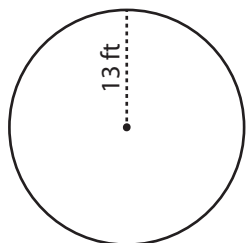
$$\text{Area} = \pi r^2$$

$$= \pi \times 4 \times 4$$

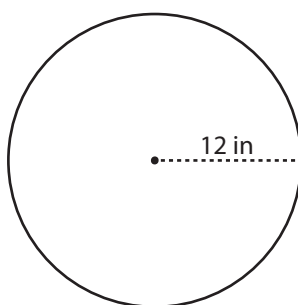
$$\text{Area} = \mathbf{16\pi \text{ ft}^2}$$

Find the exact area of each circle.

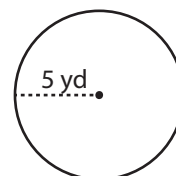
1)

Area =

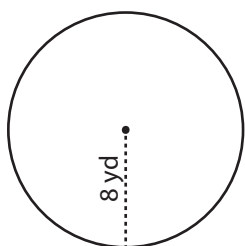
2)

Area =

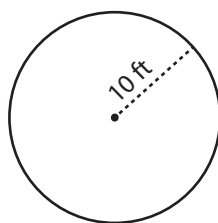
3)

Area =

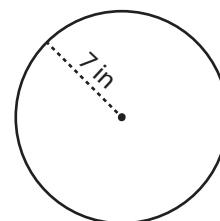
4)

Area =

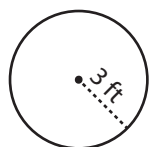
5)

Area =

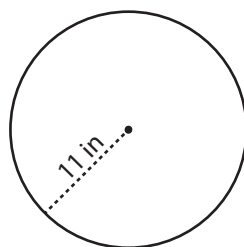
6)

Area =

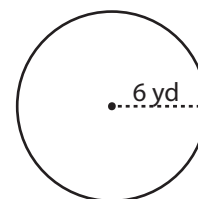
7)

Area =

8)

Area =

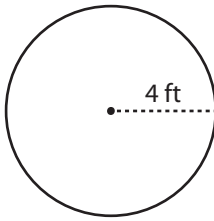
9)

Area =

Answer Key**Circle - Area**

Radius Easy: S1

Example :



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

$$\text{Radius } (r) = 4 \text{ ft}$$

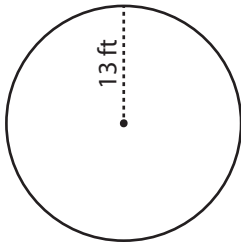
$$\text{Area} = \pi r^2$$

$$= \pi \times 4 \times 4$$

$$\text{Area} = \mathbf{16\pi \text{ ft}^2}$$

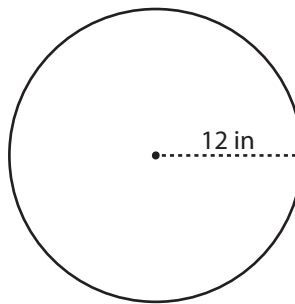
Find the exact area of each circle.

1)



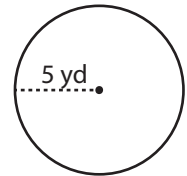
$$\text{Area} = \mathbf{169\pi \text{ ft}^2}$$

2)



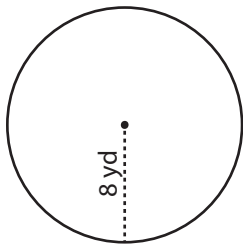
$$\text{Area} = \mathbf{144\pi \text{ in}^2}$$

3)



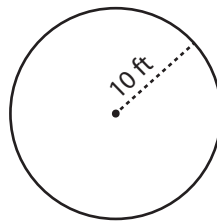
$$\text{Area} = \mathbf{25\pi \text{ yd}^2}$$

4)



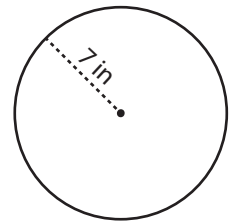
$$\text{Area} = \mathbf{64\pi \text{ yd}^2}$$

5)



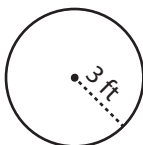
$$\text{Area} = \mathbf{100\pi \text{ ft}^2}$$

6)



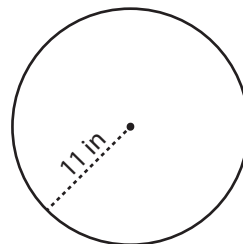
$$\text{Area} = \mathbf{49\pi \text{ in}^2}$$

7)



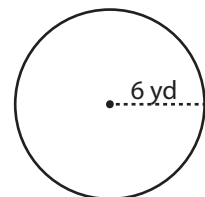
$$\text{Area} = \mathbf{9\pi \text{ ft}^2}$$

8)



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

9)



$$\text{Area} = \mathbf{36\pi \text{ yd}^2}$$