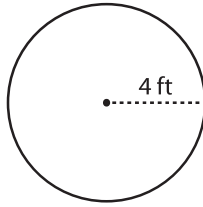


Circle - Area

Radius Easy: S1

Example :



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

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

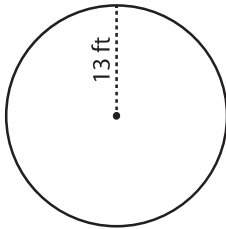
$$\text{Area} = \pi r^2$$

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

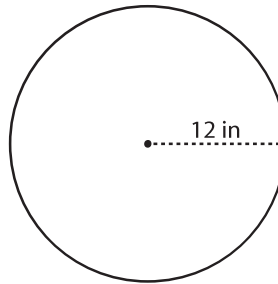
$$\text{Area} = \mathbf{16\pi \text{ ft}^2}$$

Find the exact area of each circle.

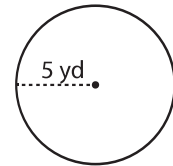
1)

Area =

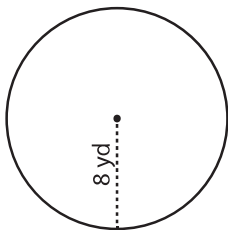
2)

Area =

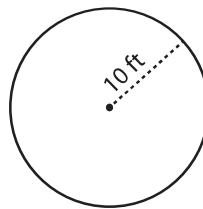
3)

Area =

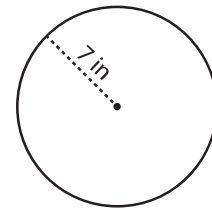
4)

Area =

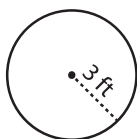
5)

Area =

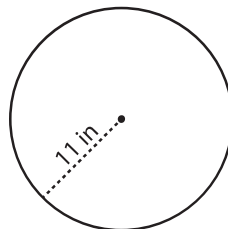
6)

Area =

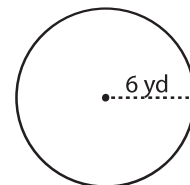
7)

Area =

8)

Area =

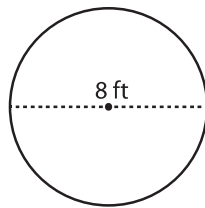
9)

Area =

Circle - Area

Diameter Easy: S1

Example :



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

$$\text{Diameter} = 8 \text{ ft}$$

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

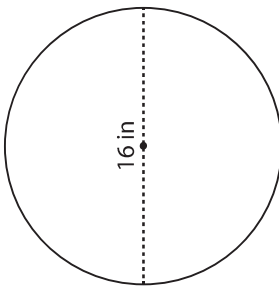
$$\text{Area} = \pi r^2$$

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

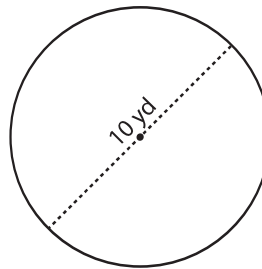
$$\text{Area} = \mathbf{16\pi \text{ ft}^2}$$

Find the exact area of each circle.

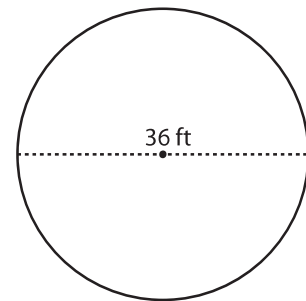
1)

Area =

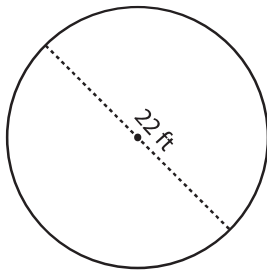
2)

Area =

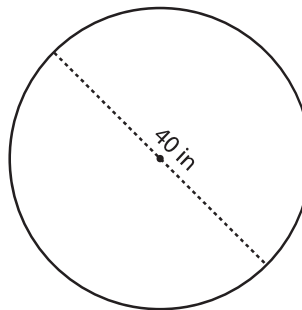
3)

Area =

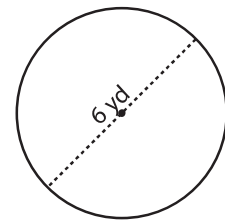
4)

Area =

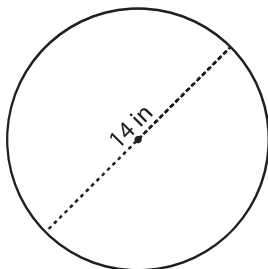
5)

Area =

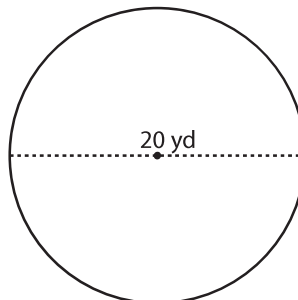
6)

Area =

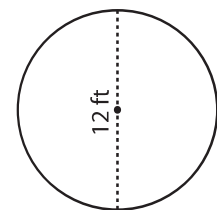
7)

Area =

8)

Area =

9)

Area =