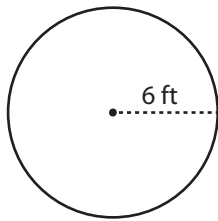


Name : _____

Circle - Area

Radius: ES3

Example :



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

$$\text{Radius } (r) = 6 \text{ ft}$$

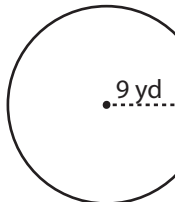
$$\text{Area} = \pi r^2$$

$$= \pi \times 6 \times 6$$

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

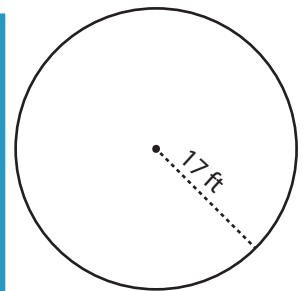
Find the area of each circle in terms of π .

1)



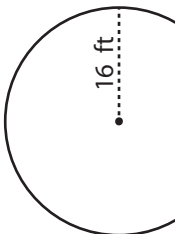
Area =

2)



Area =

4)



Area =

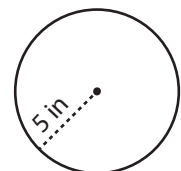
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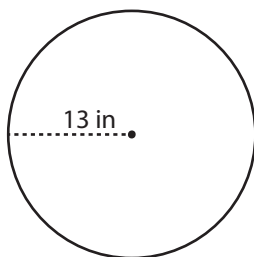
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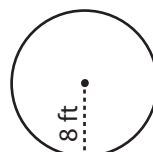
Area =

7)



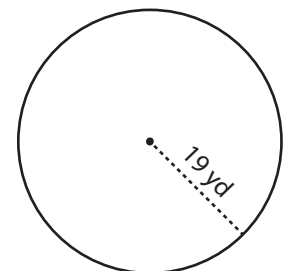
Area =

8)



Area =

9)



Area =

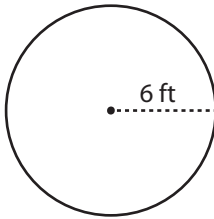
Name : _____

Answer key

Circle - Area

Radius: ES3

Example :



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

$$\text{Radius (r)} = 6 \text{ ft}$$

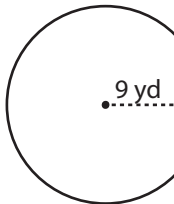
$$\text{Area} = \pi r^2$$

$$= \pi \times 6 \times 6$$

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

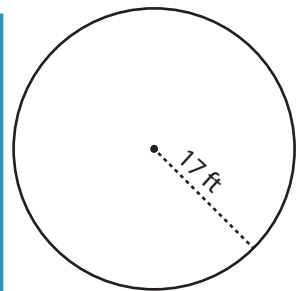
Find the area of each circle in terms of π .

1)



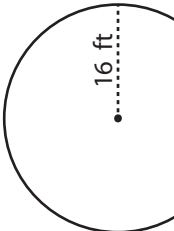
Area = $\mathbf{81\pi \text{ yd}^2}$

2)



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

4)



Area = $\mathbf{256\pi \text{ ft}^2}$

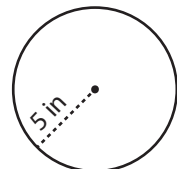
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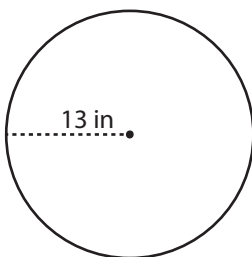
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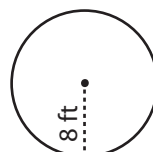
Area = $\mathbf{25\pi \text{ in}^2}$

7)



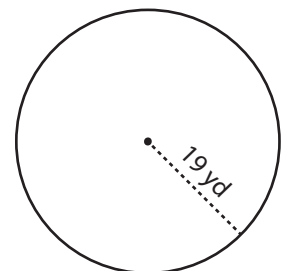
Area = $\mathbf{169\pi \text{ in}^2}$

8)



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

9)



Area = $\mathbf{361\pi \text{ yd}^2}$