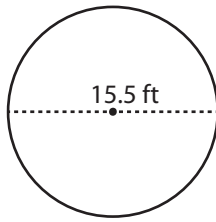


Name : _____

Circle - Area

Diameter: DS3

Example :



Area of a circle = πr^2

Diameter = 15.5 ft

Radius (r) = 7.75 ft

Area = πr^2

= 3.14 x 7.75 x 7.75

Area = **188.60 ft²**

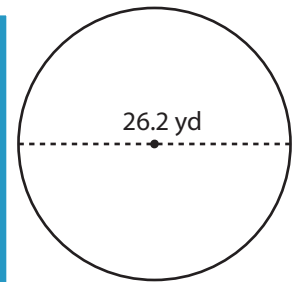
Find the area of each circle. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



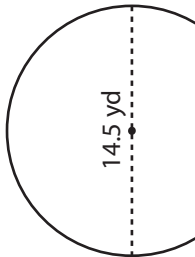
Area =

2)



Area =

4)



Area =

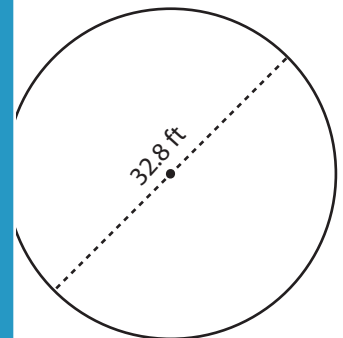
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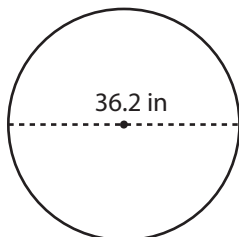
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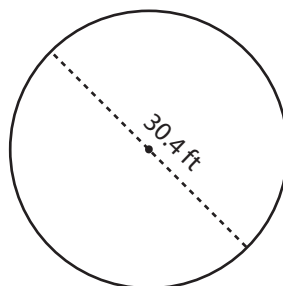
Area =

7)



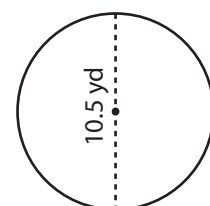
Area =

8)



Area =

9)



Area =

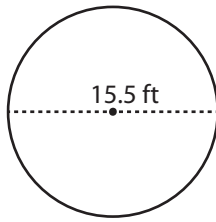
Name : _____

Answer key

Circle - Area

Diameter: DS3

Example :



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

$$\text{Diameter} = 15.5 \text{ ft}$$

$$\text{Radius (r)} = 7.75 \text{ ft}$$

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

$$= 3.14 \times 7.75 \times 7.75$$

$$\text{Area} = \mathbf{188.60 \text{ ft}^2}$$

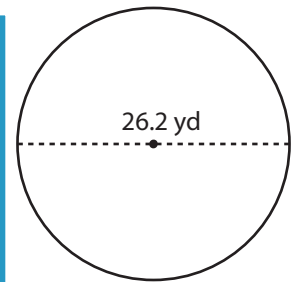
Find the area of each circle. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



$$\text{Area} = \mathbf{268.67 \text{ ft}^2}$$

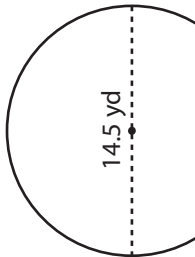
2)



$$\text{Area} = \mathbf{538.86 \text{ yd}^2}$$

3)

4)



$$\text{Area} = \mathbf{165.05 \text{ yd}^2}$$

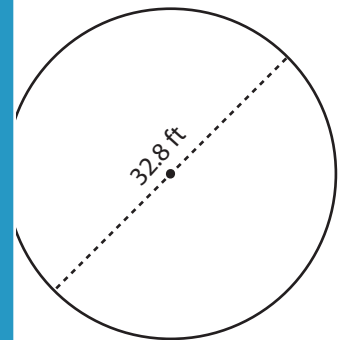
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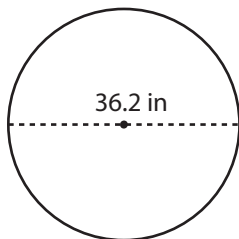
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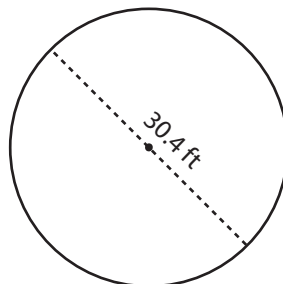
$$\text{Area} = \mathbf{844.53 \text{ ft}^2}$$

7)



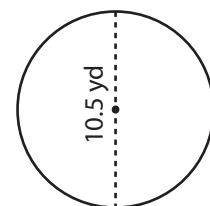
$$\text{Area} = \mathbf{1028.70 \text{ in}^2}$$

8)



$$\text{Area} = \mathbf{725.47 \text{ ft}^2}$$

9)



$$\text{Area} = \mathbf{86.55 \text{ yd}^2}$$