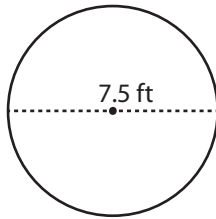


Name : \_\_\_\_\_

## Circle - Area

Diameter: DS4

Example :



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

$$\text{Diameter} = 7.5 \text{ ft}$$

$$\text{Radius } (r) = 3.75 \text{ ft}$$

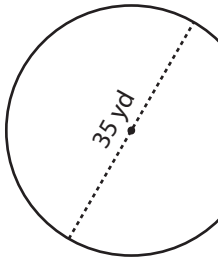
$$\text{Area} = \pi r^2$$

$$= 3.14 \times 3.75 \times 3.75$$

$$\text{Area} = \mathbf{44.16 \text{ ft}^2}$$

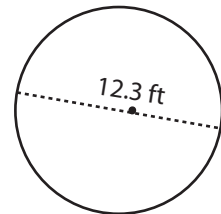
Find the area of each circle. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



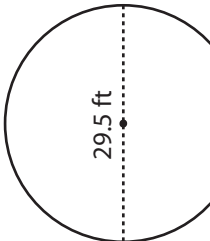
Area =

2)



Area =

4)



Area =

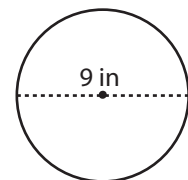
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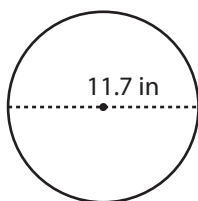
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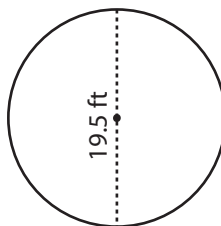
Area =

7)



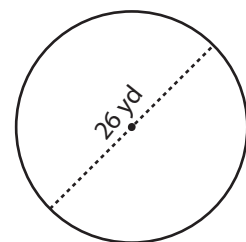
Area =

8)



Area =

9)



Area =

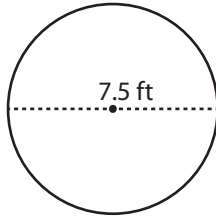
Name : \_\_\_\_\_

## Answer key

### Circle - Area

Diameter: DS4

Example :



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

$$\text{Diameter} = 7.5 \text{ ft}$$

$$\text{Radius (r)} = 3.75 \text{ ft}$$

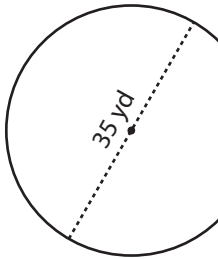
$$\text{Area} = \pi r^2$$

$$= 3.14 \times 3.75 \times 3.75$$

$$\text{Area} = \mathbf{44.16 \text{ ft}^2}$$

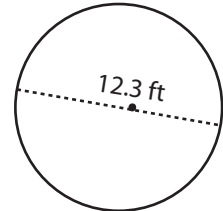
Find the area of each circle. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



$$\text{Area} = \mathbf{961.63 \text{ yd}^2}$$

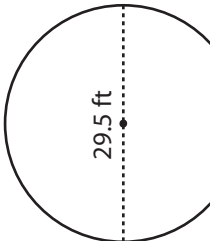
2)



$$\text{Area} = \mathbf{118.76 \text{ ft}^2}$$

3)

4)



$$\text{Area} = \mathbf{683.15 \text{ ft}^2}$$

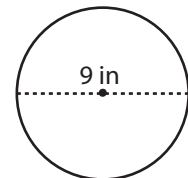
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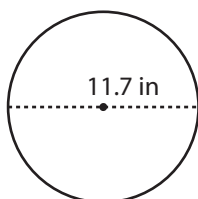
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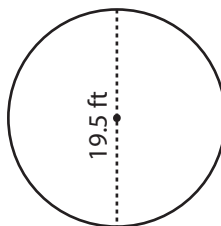
$$\text{Area} = \mathbf{63.59 \text{ in}^2}$$

7)



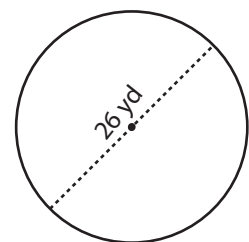
$$\text{Area} = \mathbf{107.46 \text{ in}^2}$$

8)



$$\text{Area} = \mathbf{298.50 \text{ ft}^2}$$

9)



$$\text{Area} = \mathbf{530.66 \text{ yd}^2}$$