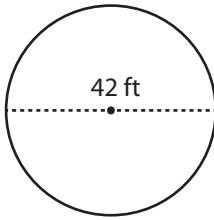


Name : \_\_\_\_\_

# Circle - Area

Diameter: MS2

Example :



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

$$\text{Diameter} = 42 \text{ ft}$$

$$\text{Radius (r)} = 21 \text{ ft}$$

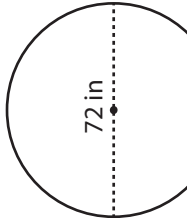
$$\text{Area} = \pi r^2$$

$$= 3.14 \times 21 \times 21$$

$$\text{Area} = \mathbf{1384.7 \text{ ft}^2}$$

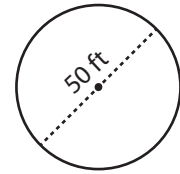
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)



Area =

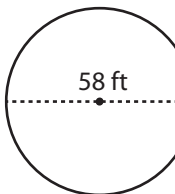
2)



Area =

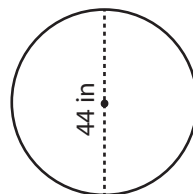
3)

4)



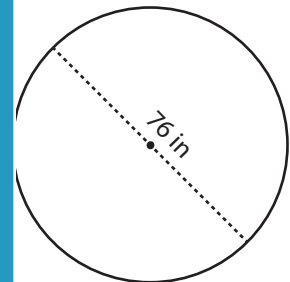
Area =

8)



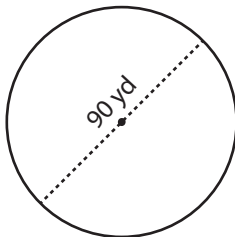
Area =

9)

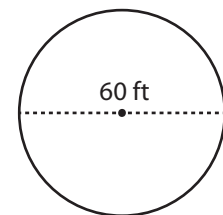


Area =

7)



Area =



Area =

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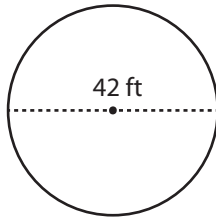
Name : \_\_\_\_\_

## Answer key

### Circle - Area

Diameter: MS2

Example :



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

$$\text{Diameter} = 42 \text{ ft}$$

$$\text{Radius (r)} = 21 \text{ ft}$$

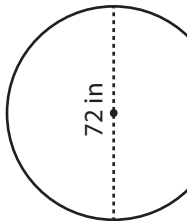
$$\text{Area} = \pi r^2$$

$$= 3.14 \times 21 \times 21$$

$$\text{Area} = \mathbf{1384.7 \text{ ft}^2}$$

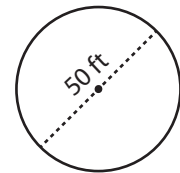
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)



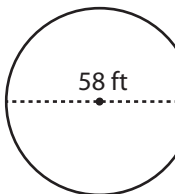
$$\text{Area} = \mathbf{4069.4 \text{ in}^2}$$

2)



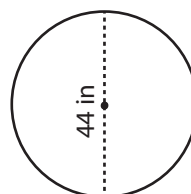
$$\text{Area} = \mathbf{1962.5 \text{ ft}^2}$$

4)



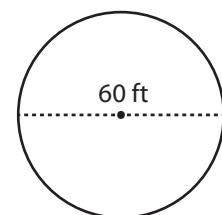
$$\text{Area} = \mathbf{2640.7 \text{ ft}^2}$$

8)



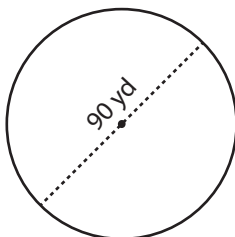
$$\text{Area} = \mathbf{1519.8 \text{ in}^2}$$

9)



$$\text{Area} = \mathbf{2826 \text{ ft}^2}$$

7)



$$\text{Area} = \mathbf{6358.5 \text{ yd}^2}$$

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