

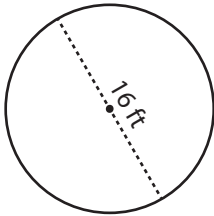
Name : \_\_\_\_\_

# Circle - Area

Radius/Diameter: ES2

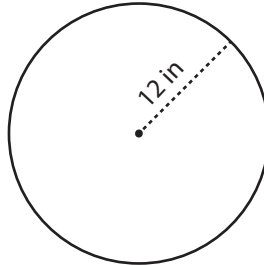
Find the area of each circle in terms of  $\pi$ .

1)



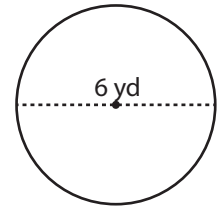
Area =

2)

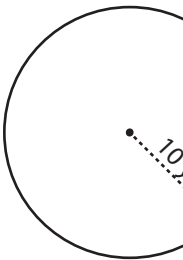


Area =

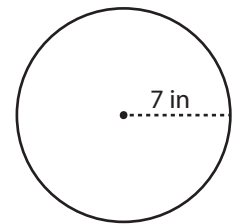
3)



4)



Area =



Area =

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7) If the

a)  $4\pi$  in

8) What

a)  $676\pi$  yd<sup>2</sup>

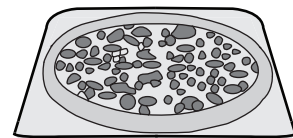
b)  $52\pi$  yd<sup>2</sup>

c)  $26\pi$  yd<sup>2</sup>

d)  $169\pi$  yd<sup>2</sup>

9) The diameter of the pizza is 45 in. What is the maximum area available for toppings? Write your answer in terms of  $\pi$ .

Area = \_\_\_\_\_



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

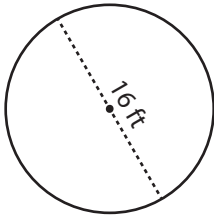
**Answer key**

**Circle - Area**

Radius/Diameter: ES2

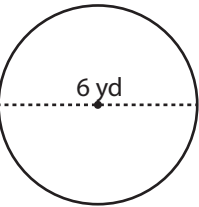
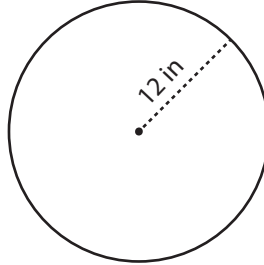
Find the area of each circle in terms of  $\pi$ .

1)



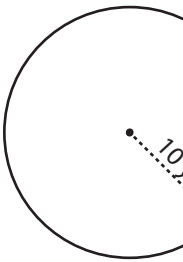
Area =  **$64\pi \text{ ft}^2$**

2)

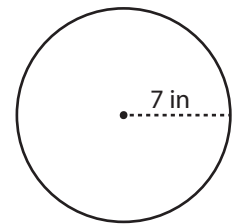


Area =  **$9\pi \text{ yd}^2$**

4)



Area =  **$100\pi \text{ yd}^2$**



Area =  **$49\pi \text{ in}^2$**

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7) If the

a)  $4\pi \text{ in}^2$

8) What

- a)  $676\pi \text{ yd}^2$     b)  $52\pi \text{ yd}^2$     c)  $26\pi \text{ yd}^2$     **d)  $169\pi \text{ yd}^2$**

9) The diameter of the pizza is 45 in. What is the maximum area available for toppings? Write your answer in terms of  $\pi$ .

Area =  **$506.25\pi \text{ in}^2$**

