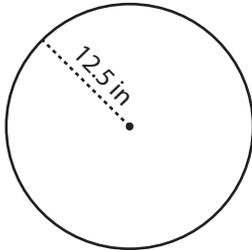


**Circle - Area**

Radius/Diameter Difficult: S1

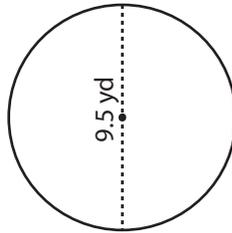
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



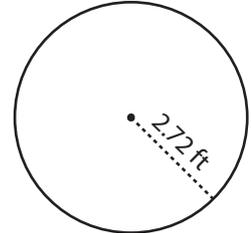
Area = \_\_\_\_\_

2)

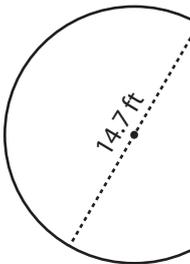


Area = \_\_\_\_\_

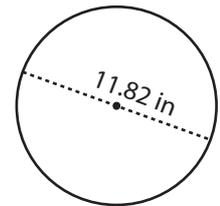
3)



4)



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



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

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7) If the r

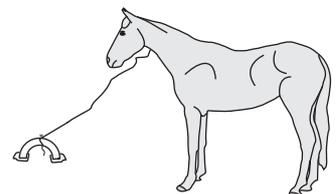
a) 45.8

8) What i

- a) 308.37 yd<sup>2</sup>    b) 305.89 yd<sup>2</sup>    c) 124.47 yd<sup>2</sup>    d) 62.23 yd<sup>2</sup>

9) A horse is tethered to a peg at the center of the field. If the length of the rope is 18.3 ft, what will be the maximum area the horse can graze?

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

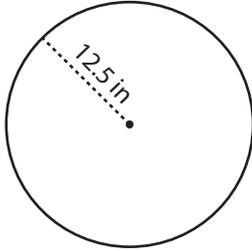


**Answer Key****Circle - Area**

Radius/Diameter Difficult: S1

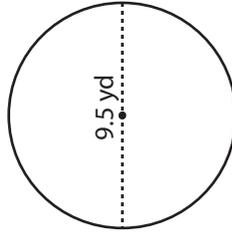
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



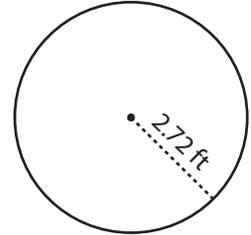
Area = **490.63**

2)

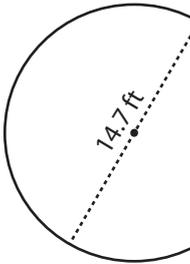


Area = **23.23 ft<sup>2</sup>**

3)



4)



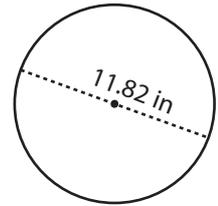
Area = **169.63**

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Area = **109.67 in<sup>2</sup>**

7) If the r

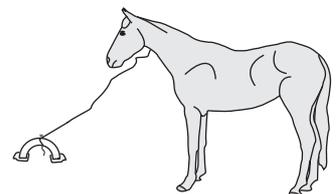
a) **45.8**

8) What i

a) 308.37 yd<sup>2</sup> **b) 305.89 yd<sup>2</sup>** c) 124.47 yd<sup>2</sup> d) 62.23 yd<sup>2</sup>

9) A horse is tethered to a peg at the center of the field. If the length of the rope is 18.3 ft, what will be the maximum area the horse can graze?

Area = **1051.56 ft<sup>2</sup>**

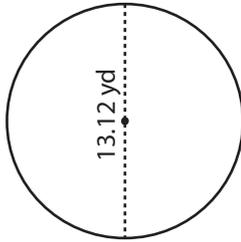


**Circle - Area**

Radius/Diameter Difficult: S2

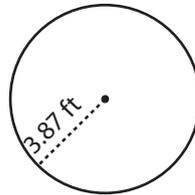
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



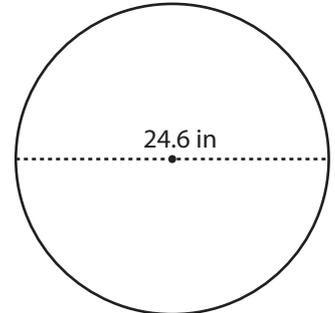
Area = \_\_\_\_\_

2)

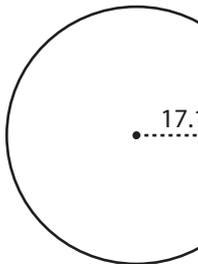


Area = \_\_\_\_\_

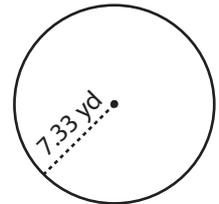
3)



4)



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



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

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7) If the r

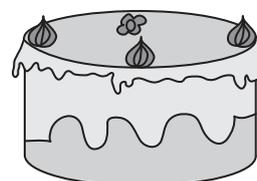
a) 31.2

8) What i

- a) 979.29 yd<sup>2</sup>    b) 244.82 yd<sup>2</sup>    c) 110.90 yd<sup>2</sup>    d) 55.45 yd<sup>2</sup>

9) The diameter of the cake is 38.72 in. What is the maximum area available for toppings?

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



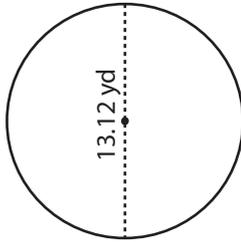
**Answer Key**

**Circle - Area**

Radius/Diameter Difficult: S2

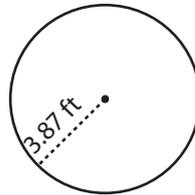
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



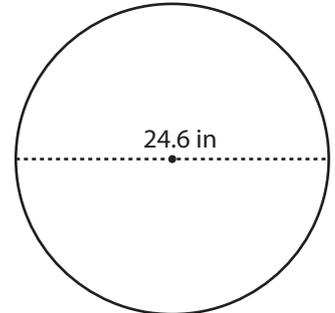
Area = **135.13 yd<sup>2</sup>**

2)

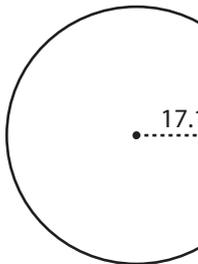


Area = **475.05 in<sup>2</sup>**

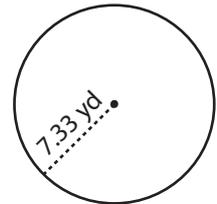
3)



4)



Area = **918.17 yd<sup>2</sup>**



Area = **168.71 yd<sup>2</sup>**

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7) If the r

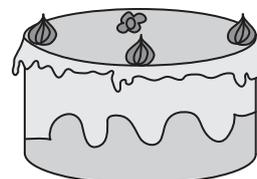
a) 31.2

8) What i

- a) 979.29 yd<sup>2</sup>    **b) 244.82 yd<sup>2</sup>**    c) 110.90 yd<sup>2</sup>    d) 55.45 yd<sup>2</sup>

9) The diameter of the cake is 38.72 in. What is the maximum area available for toppings?

Area = **1176.90 in<sup>2</sup>**

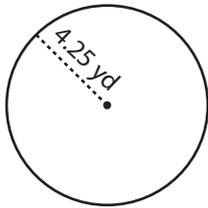


**Circle - Area**

Radius/Diameter Difficult: S3

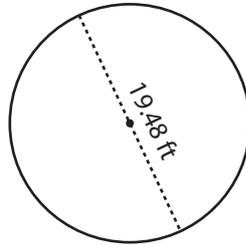
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



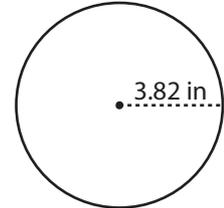
Area = \_\_\_\_\_

2)



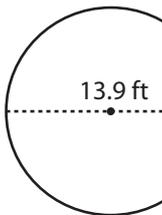
Area = \_\_\_\_\_

3)

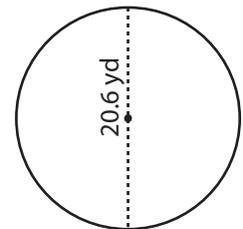


Area = \_\_\_\_\_

4)



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



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

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7) If the r

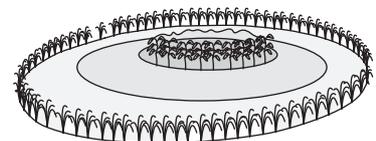
a) 26.6

8) What i

- a) 104 ft<sup>2</sup>      b) 861.09 ft<sup>2</sup>      c) 215.27 ft<sup>2</sup>      d) 52 ft<sup>2</sup>

9) A circular park has a radius of 28.3 yd. Find the area of the circular park.

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

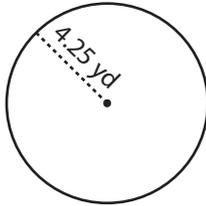


**Answer Key****Circle - Area**

Radius/Diameter Difficult: S3

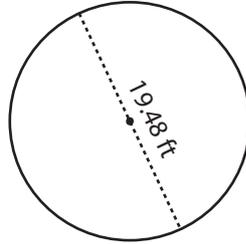
Find the area of each circle. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



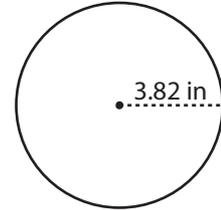
Area = **56.72 y**

2)

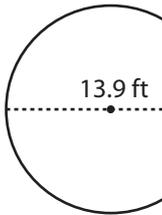


Area = **45.82 in<sup>2</sup>**

3)



4)



Area = **151.67**

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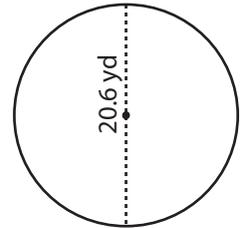
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Area = **333.12 yd<sup>2</sup>**

7) If the r

a) 26.6

8) What i

a) 104 ft<sup>2</sup>    b) 861.09 ft<sup>2</sup>    **c) 215.27 ft<sup>2</sup>**    d) 52 ft<sup>2</sup>

9) A circular park has a radius of 28.3 yd. Find the area of the circular park.

Area = **2514.80 yd<sup>2</sup>**

