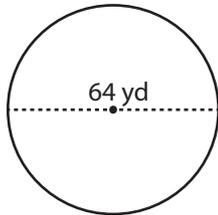


**Circle - Area**

Radius/Diameter Moderate: S1

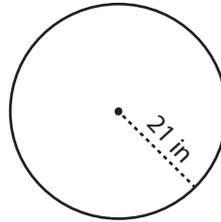
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



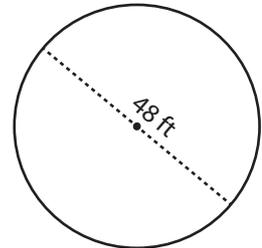
Area = \_\_\_\_\_

2)



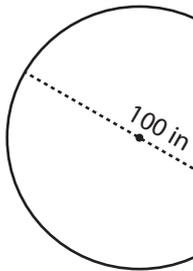
Area = \_\_\_\_\_

3)

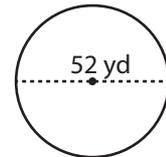


Area = \_\_\_\_\_

4)



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



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

# PREVIEW

Access the largest collection of  
worksheets for just **\$19.95** per year!

Members, please  
log in to  
download this  
worksheet.

Log in

Not a member?  
Please sign up to  
gain complete  
access.

Sign up

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

7) If the r

a) 9498

8) What i

- a) 188.4 yd<sup>2</sup>    b) 11304 yd<sup>2</sup>    c) 2826 yd<sup>2</sup>    d) 376.8 yd<sup>2</sup>

9) If a goat is tethered with a rope 28 ft long, what will be the maximum area the goat can graze?



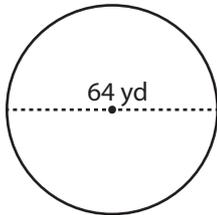
Area = \_\_\_\_\_

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

Radius/Diameter Moderate: S1

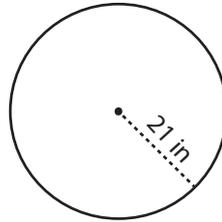
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



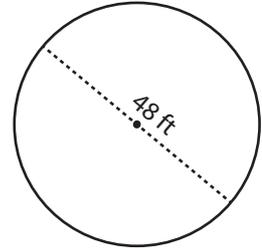
Area = **3215.4** yd<sup>2</sup>

2)

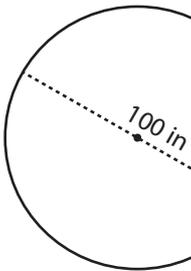


Area = **1808.6** ft<sup>2</sup>

3)



4)



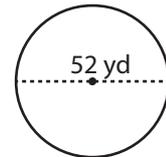
Area = **7850** in<sup>2</sup>

**PREVIEW**Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

**Log in**

Not a member? Please sign up to gain complete access.

**Sign up**[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

Area = **2122.6** yd<sup>2</sup>

7) If the r

a) **949**

8) What i

a) 188.4 yd<sup>2</sup>    b) 11304 yd<sup>2</sup>    **c) 2826 yd<sup>2</sup>**    d) 376.8 yd<sup>2</sup>

9) If a goat is tethered with a rope 28 ft long, what will be the maximum area the goat can graze?



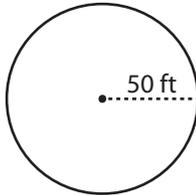
Area = **2461.8** ft<sup>2</sup>

**Circle - Area**

Radius/Diameter Moderate: S2

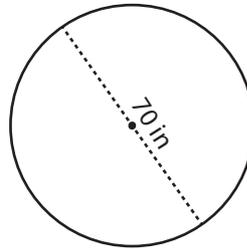
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



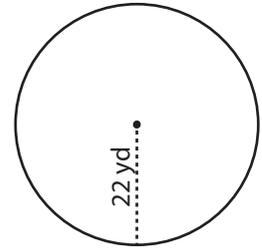
Area = \_\_\_\_\_

2)

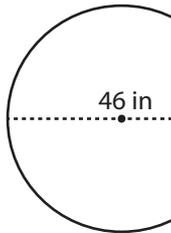


Area = \_\_\_\_\_

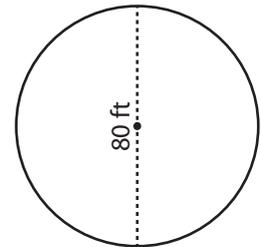
3)



4)



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



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

**PREVIEW**

Access the largest collection of  
worksheets for just **\$19.95** per year!

Members, please  
log in to  
download this  
worksheet.

Log in

Not a member?  
Please sign up to  
gain complete  
access.

Sign up

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

7) If the r

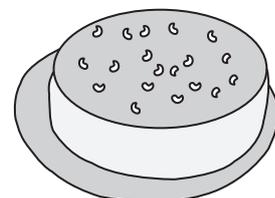
a) 1193

8) What i

- a) 163.28 yd<sup>2</sup>    b) 2122.64 yd<sup>2</sup>    c) 8490.56 yd<sup>2</sup>    d) 322.56 yd<sup>2</sup>

9) The diameter of the pudding is 94 in. What is the maximum area available for toppings?

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



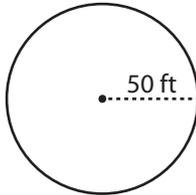
**Answer Key**

**Circle - Area**

Radius/Diameter Moderate: S2

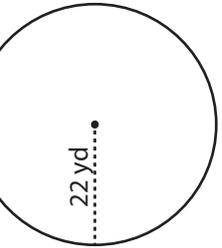
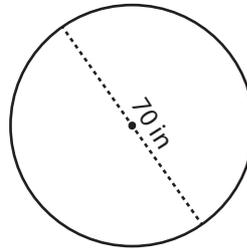
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



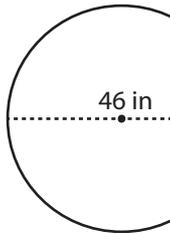
Area = **7850 f**

2)

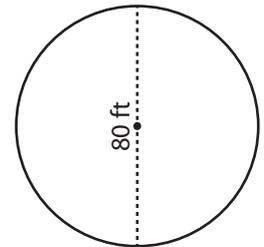


Area = **1519.8 yd<sup>2</sup>**

4)



Area = **1661.1 i**



Area = **5024 ft<sup>2</sup>**

**PREVIEW**

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

**Log in**

Not a member? Please sign up to gain complete access.

**Sign up**

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

7) If the r

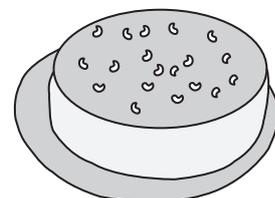
a) 1193

8) What i

- a) 163.28 yd<sup>2</sup>   **b) 2122.64 yd<sup>2</sup>**   c) 8490.56 yd<sup>2</sup>   d) 322.56 yd<sup>2</sup>

9) The diameter of the pudding is 94 in. What is the maximum area available for toppings?

Area = **6936.3 in<sup>2</sup>**

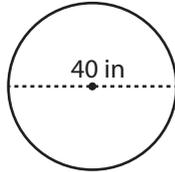


**Circle - Area**

Radius/Diameter Moderate: S3

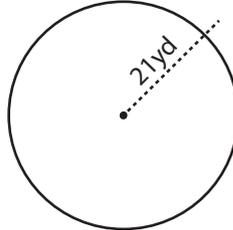
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



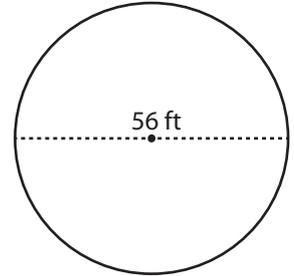
Area = \_\_\_\_\_

2)

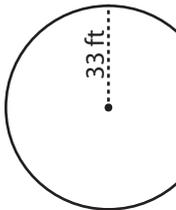


Area = \_\_\_\_\_

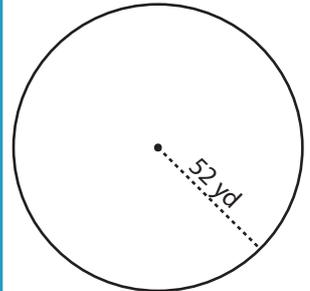
3)



4)



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



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

# PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please  
log in to  
download this  
worksheet.

Log in

Not a member?  
Please sign up to  
gain complete  
access.

Sign up

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

7) If the r

a) 5278

8) What i

- a) 427 ft<sup>2</sup>      b) 213.5 ft<sup>2</sup>      c) 14519.4 ft<sup>2</sup>      d) 3629.8 ft<sup>2</sup>

9) Marlene jogs around a circular path with a radius of 31 yd. Find the area of the field.

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

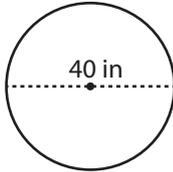


**Answer Key****Circle - Area**

Radius/Diameter Moderate: S3

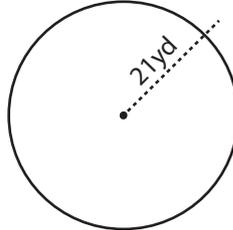
Find the area of each circle. Round the answer to tenth decimal place. ( use  $\pi = 3.14$  )

1)



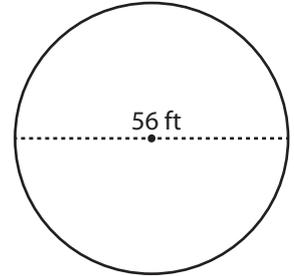
Area = **1256.64 in<sup>2</sup>**

2)

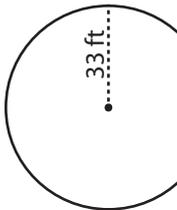


Area = **2461.8 ft<sup>2</sup>**

3)



4)



Area = **3419.571 ft<sup>2</sup>**

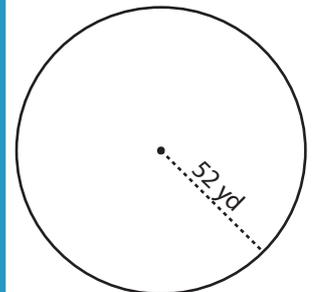
**PREVIEW**

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

**Log in**

Not a member? Please sign up to gain complete access.

**Sign up**[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

Area = **8490.6 yd<sup>2</sup>**

7) If the r

**a) 527**

8) What i

a) 427 ft<sup>2</sup>    b) 213.5 ft<sup>2</sup>    c) 14519.4 ft<sup>2</sup>    **d) 3629.8 ft<sup>2</sup>**

9) Marlene jogs around a circular path with a radius of 31 yd. Find the area of the field.

Area = **3017.5 yd<sup>2</sup>**

