



# Area and Circumference of Circle

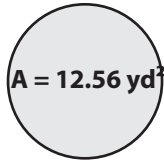
Name \_\_\_\_\_

Score \_\_\_\_\_

AC:28

Find the radius and diameter of each circle from the given area. (Use  $\pi = \frac{22}{7}$  or 3.14)

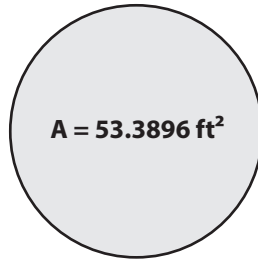
1)



Radius = \_\_\_\_\_ yd

Diameter = \_\_\_\_\_ yd

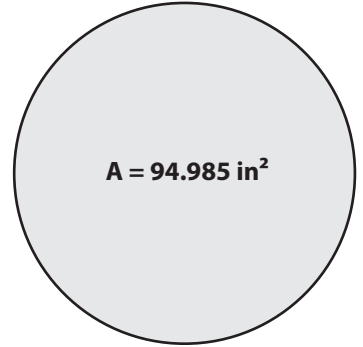
2)



Radius = \_\_\_\_\_ ft

Diameter = \_\_\_\_\_ ft

3)



Radius = \_\_\_\_\_ in

Diameter = \_\_\_\_\_ in

Complete the table. (Use  $\pi = \frac{22}{7}$  or 3.14)

Q. No	Radius	Diameter	Circumference	Area
1)	7 ft			
2)		29 yd		
3)				2826 in <sup>2</sup>
4)			7.536 yd	
5)				706.5 ft <sup>2</sup>
6)			135.02 in	



# Area and Circumference of Circle

Name \_\_\_\_\_

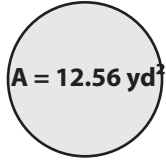
Score \_\_\_\_\_

## Answer key

AC:28

Find the radius and diameter of each circle from the given area. (Use  $\pi = \frac{22}{7}$  or 3.14)

1)



Radius = 2 yd

Diameter = 4 yd

2)

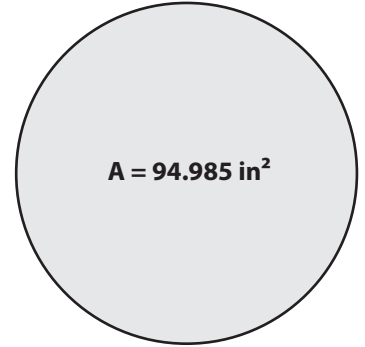


Radius = 4.2 ft

Diameter = 8.4 ft

$\frac{22}{7}$

3)



Radius = 5.5 in

Diameter = 11 in

Complete the table. (Use  $\pi = \frac{22}{7}$  or 3.14)

Q. No	Radius	Diameter	Circumference	Area
1)	7 ft	<b>14 ft</b>	<b>43.96 ft</b>	<b>153.86 ft<sup>2</sup></b>
2)	<b>14.5 yd</b>	29 yd	<b>91.06 yd</b>	<b>660.185 yd<sup>2</sup></b>
3)	<b>30 in</b>	<b>60 in</b>	<b>188.4 in</b>	2826 in <sup>2</sup>
4)	<b>1.2 yd</b>	<b>2.4 yd</b>	7.536 yd	<b>4.5216 yd<sup>2</sup></b>
5)	<b>15 ft</b>	<b>30 ft</b>	<b>94.2 ft</b>	706.5 ft <sup>2</sup>
6)	<b>21.5 in</b>	<b>43 in</b>	135.02 in	<b>1451.465 in<sup>2</sup></b>