

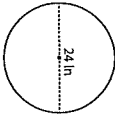
Name : _____

Score : _____

Circle - Circumference

Diameter Moderate: S1

Example :

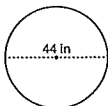


Circumference of a circle = $2\pi r$ or πd

Diameter (d) = 24 in
 Circumference = πd
 = 3.14×24
 Circumference = 75.4 in

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

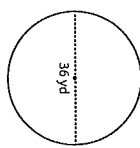
- 1) _____ 2) _____ 3) _____



Circumference =

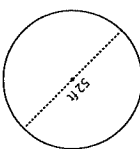


Circumference =

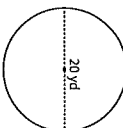


Circumference =

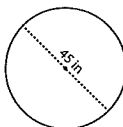
- 4) _____ 5) _____ 6) _____



Circumference =

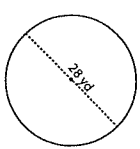


Circumference =

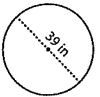


Circumference =

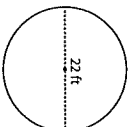
- 7) _____ 8) _____ 9) _____



Circumference =



Circumference =



Circumference =

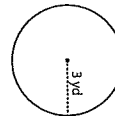
Name : _____

Score : _____

Circle - Circumference

Radius Easy: S1

Example :

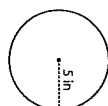


Circumference of a circle = $2\pi r$

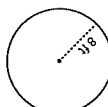
Radius (r) = 3 yd
 Circumference = $2\pi r$
 = $2 \times \pi \times 3$
 Circumference = 6 π yd

Find the exact circumference of each circle.

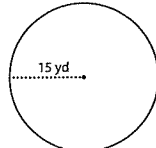
- 1) _____ 2) _____ 3) _____



Circumference =

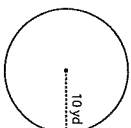


Circumference =

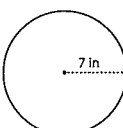


Circumference =

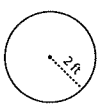
- 4) _____ 5) _____ 6) _____



Circumference =

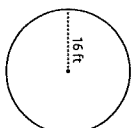


Circumference =



Circumference =

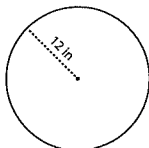
- 7) _____ 8) _____ 9) _____



Circumference =



Circumference =



Circumference =

Name : _____

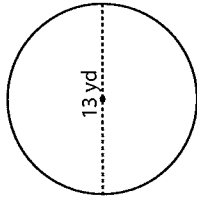
Score : _____

Circle - Circumference

Radius/Diameter Easy: S1

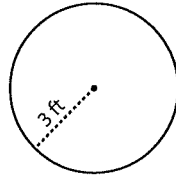
Find the exact circumference of each circle.

1)



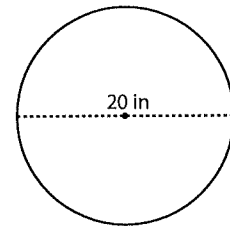
Circumference = _____

2)



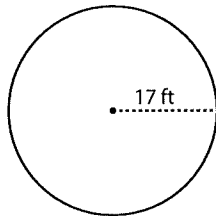
Circumference = _____

3)



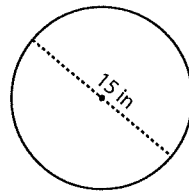
Circumference = _____

4)



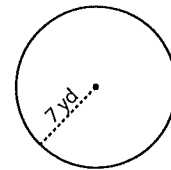
Circumference = _____

5)



Circumference = _____

6)



Circumference = _____

7) A bike wheel has a diameter of 10 in. What is the circumference of the wheel?

Circumference = _____

8) A minute-hand of a clock is 16 in long. Find the distance traveled by the tip of the minute-hand in one hour.

Circumference = _____

Name : _____

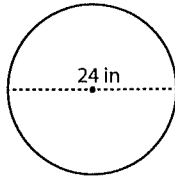
Score : _____

Answer Key

Circle - Circumference

Diameter Moderate: S1

Example :



Circumference of a circle = $2\pi r$ or πd

Diameter (d) = 24 in

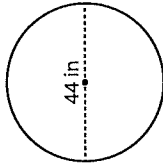
Circumference = πd

= 3.14×24

Circumference = **75.4 in**

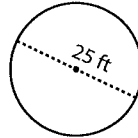
Find the circumference of each circle. Round the answer to tenth decimal place. (use $\pi=3.14$)

1)



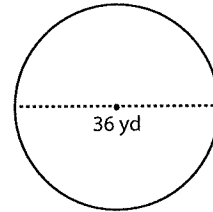
Circumference = **138.2 in**

2)



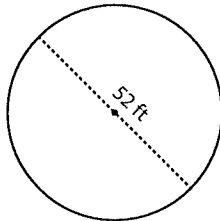
Circumference = **78.5 ft**

3)



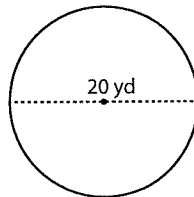
Circumference = **113 yd**

4)



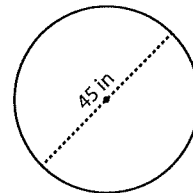
Circumference = **163.3 ft**

5)



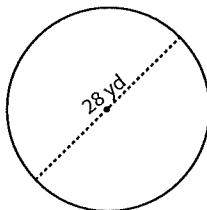
Circumference = **62.8 yd**

6)



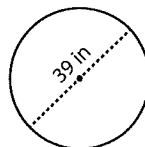
Circumference = **141.3 in**

7)



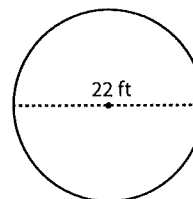
Circumference = **87.9 yd**

8)



Circumference = **122.5 in**

9)



Circumference = **69.1 ft**

Name : _____

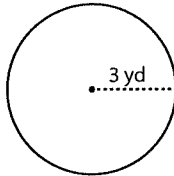
Score : _____

Answer Key

Radius Easy: 51

Circle - Circumference

Example :



Circumference of a circle = $2\pi r$

Radius (r) = 3yd

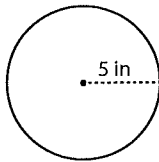
Circumference = $2\pi r$

= $2 \times \pi \times 3$

Circumference = **6π yd**

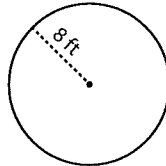
Find the exact circumference of each circle.

1)



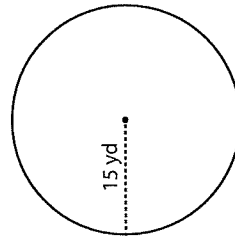
Circumference = **10π in**

2)



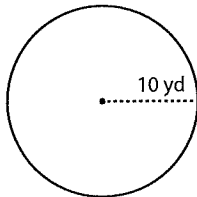
Circumference = **16π ft**

3)



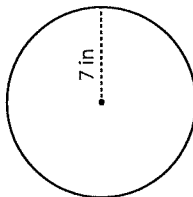
Circumference = **30π yd**

4)



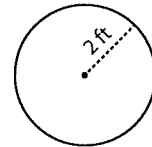
Circumference = **20π yd**

5)



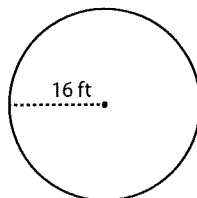
Circumference = **14π in**

6)



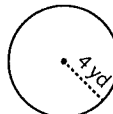
Circumference = **4π ft**

7)



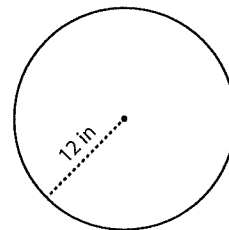
Circumference = **32π ft**

8)



Circumference = **8π yd**

9)



Circumference = **24π in**

Name : _____

Answer Key

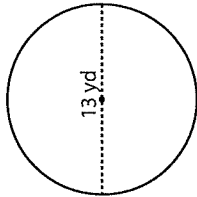
Score : _____

Circle - Circumference

Radius/Diameter Easy: S1

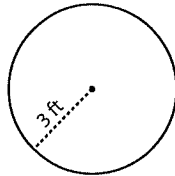
Find the exact circumference of each circle.

1)



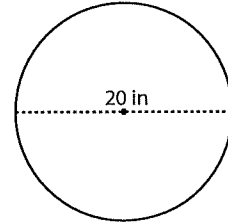
Circumference = 13π yd

2)



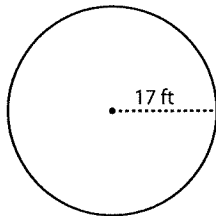
Circumference = 6π ft

3)



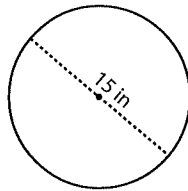
Circumference = 20π in

4)



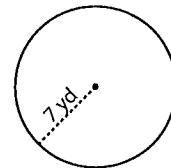
Circumference = 34π ft

5)



Circumference = 15π in

6)



Circumference = 14π yd

7) A bike wheel has a diameter of 10 in. What is the circumference of the wheel?

Circumference = 10π in

8) A minute-hand of a clock is 16 in long. Find the distance traveled by the tip of the minute-hand in one hour.

Circumference = 32π in