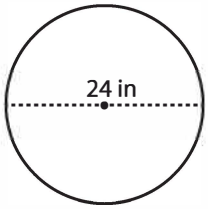
Name : _____

Circle - Circumference

Diameter Moderate: S1

Example :



Circumference of a circle = 2πr or **πd**

Diameter (d) = 24 in

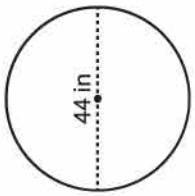
Circumference = πd

= 3.14 x 24

Circumference = **75.4 in**

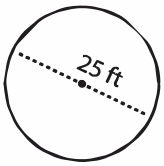
Find the circumference of each circle. Round the answer to tenth decimal place. (use π=3.14)

1)



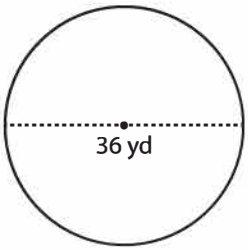
Circumference = _____

2)



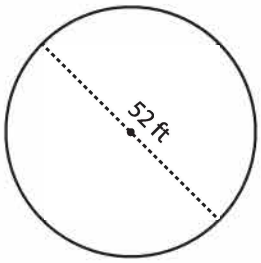
Circumference = _____

3)



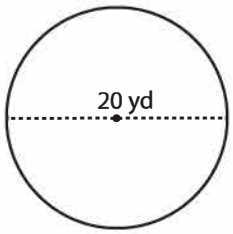
Circumference = _____

4)



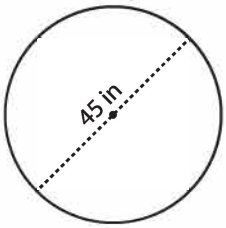
Circumference = _____

5)



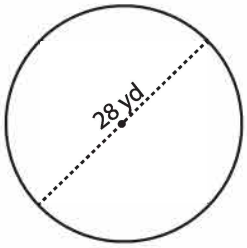
Circumference = _____

6)



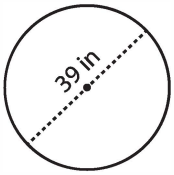
Circumference = _____

7)



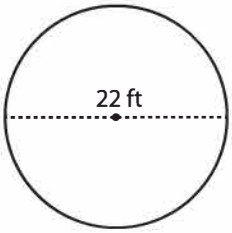
Circumference = _____

8)



Circumference = _____

9)



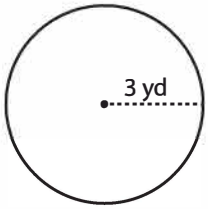
Circumference = _____

Name : _____ _____

Circle - Circumference

Radius Easy: S1

Example :



Circumference of a circle = 2πr

Radius (r) = 3yd

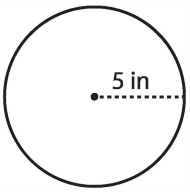
Circumference = 2πr

= 2 x π x 3

Circumference = **6π yd**

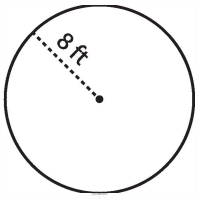
Find the exact circumference of each circle.

1)



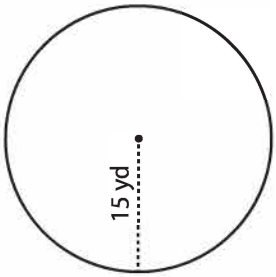
Circumference = _____

2)



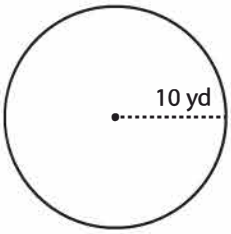
Circumference = _____

3)



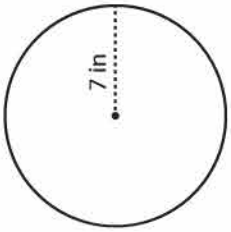
Circumference = _____

4)



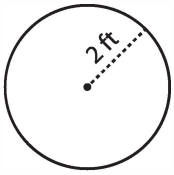
Circumference = _____

5)



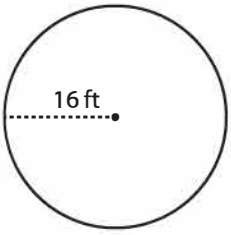
Circumference = _____

6)



Circumference = _____

7)

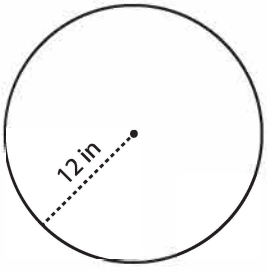


Circumference = _____

8)

Circumference = _____

9)



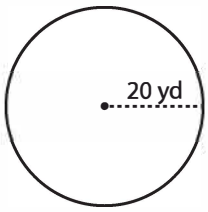
Circumference = _____

Name : _____

Circle - Circumference

Radius Moderate: S1

Example :



Circumference of a circle = 2πr

Radius (r) = 20 yd

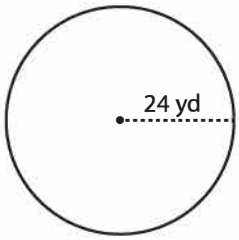
Circumference = 2πr

= 2 x 3.14 x 20

Circumference = **125.6 yd**

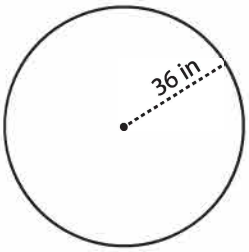
Find the circumference of each circle. Round the answer to tenth decimal place. (use π=3.14)

1)



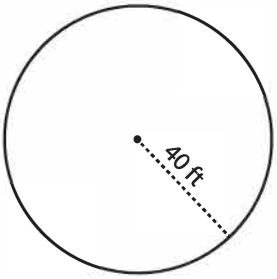
Circumference = _____

2)



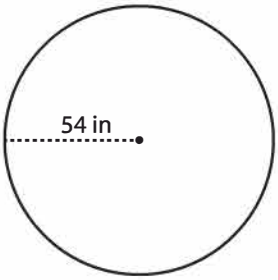
Circumference = _____

3)



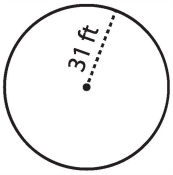
Circumference = _____

4)



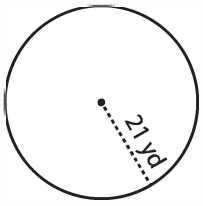
Circumference = _____

5)



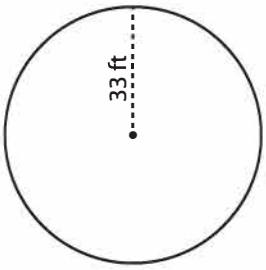
Circumference = _____

6)



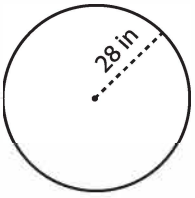
Circumference = _____

7)



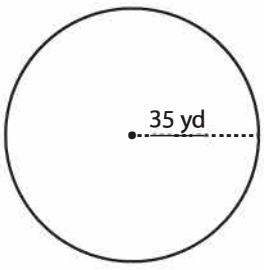
Circumference = _____

8)



Circumference = _____

9)



Circumference = _____

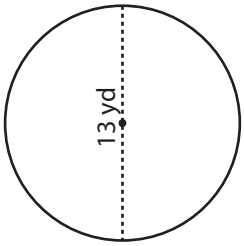
Name : _____

Radius/Diameter Easy: S1

Circle - Circumference

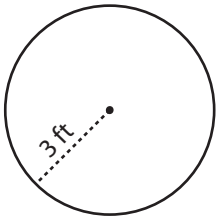
Find the exact circumference of each circle.

1)



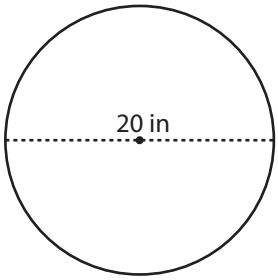
Circumference = _____

2)



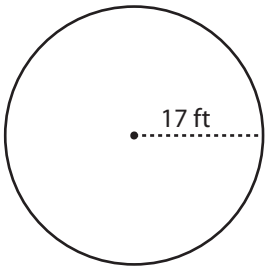
Circumference = _____

3)



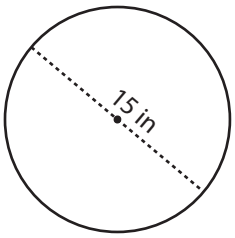
Circumference = _____

4)



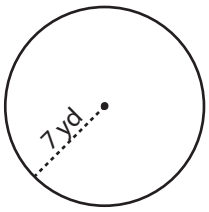
Circumference = _____

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 = _____

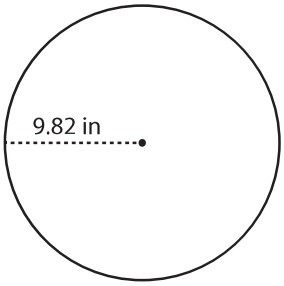
Name : _____ Score : _____

Circle - Circumference

Radius/Diameter Difficult: S1

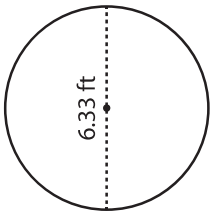
Find the circumference of each circle. Round the answer to two decimal places. (use π=3.14)

1)



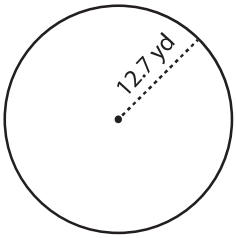
Circumference =_____

2)



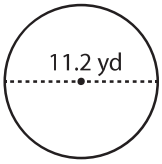
Circumference =_____

3)



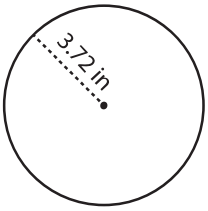
Circumference =_____

4)



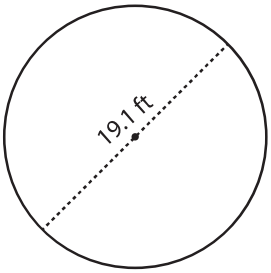
Circumference =_____

5)



Circumference =_____

6)



Circumference =_____

7) The diameter of a truck wheel is 56.5 in. What is the circumference of the wheel?

Circumference =_____

8) A minute-hand of a clock is 13.8 in long. Find the distance traveled by the tip of the minute-hand in one hour.

Circumference =_____