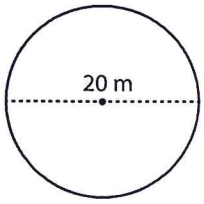
Name : _____ Score : _____

Circle - Circumference

Example :



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

Diameter (d) = 20 m

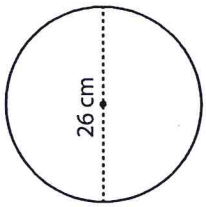
Circumference = πd

= 3.14 x 20

Circumference = **62.8 m**

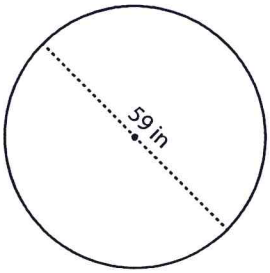
Find the circumference of each circle. Round the answer to tenth decimal place. (use π=3.14)

1)



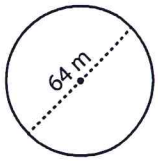
Circumference = _____

2)



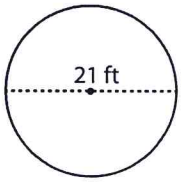
Circumference = _____

3)



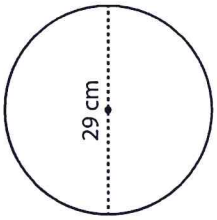
Circumference = _____

4)



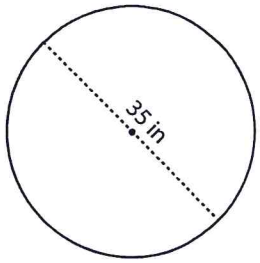
Circumference = _____

5)



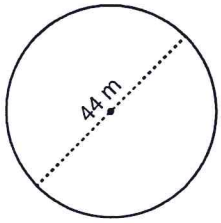
Circumference = _____

6)



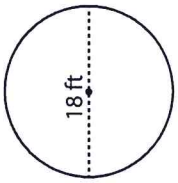
Circumference = _____

7)



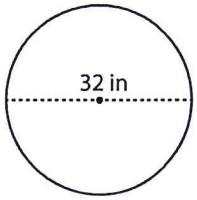
Circumference = _____

8)



Circumference = _____

9)

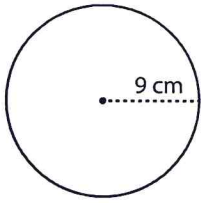


Circumference = _____

Name : _____ Score : _____

Circle - Circumference

Example :



Circumference of a circle = 2πr

Radius (r) = 9 cm

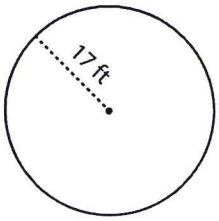
Circumference = 2πr

= 2 x π x 9

Circumference = **18π cm**

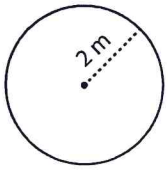
Find the exact circumference of each circle.

1)



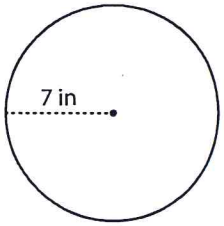
Circumference = _____

2)



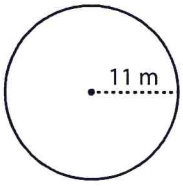
Circumference = _____

3)



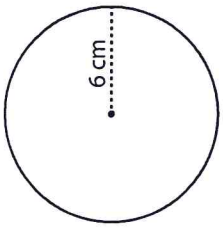
Circumference = _____

4)



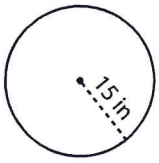
Circumference = _____

5)



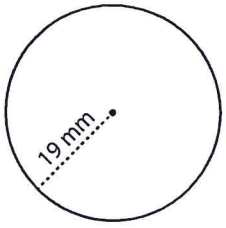
Circumference = _____

6)



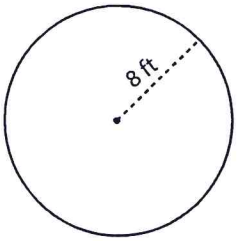
Circumference = _____

7)



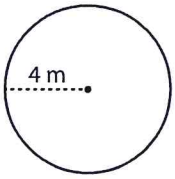
Circumference = _____

8)



Circumference = _____

9)

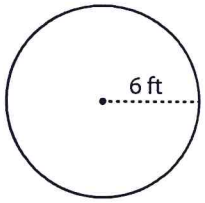


Circumference = _____

Name : _____ Score : _____

Circle - Area

Example :



Area of a circle = πr^2

Radius (r) = 6 ft

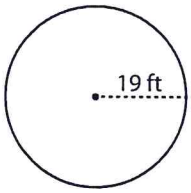
Area = πr^2

= π x 6 x 6

Area = **36π ft^2**

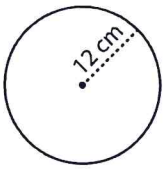
Find the exact area of each circle.

1)



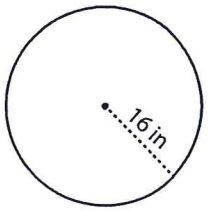
Area = _____

2)



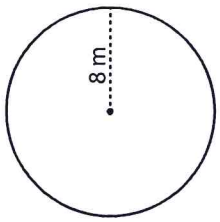
Area = _____

3)



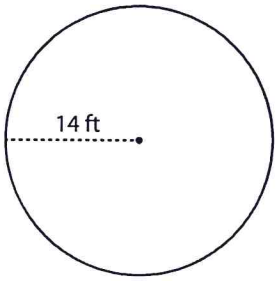
Area = _____

4)



Area = _____

5)

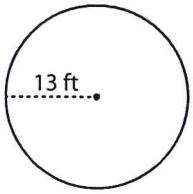


Area = _____

6)

Area = _____

7)

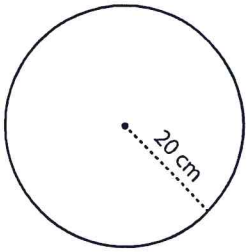


Area = _____

8)

Area = _____

9)

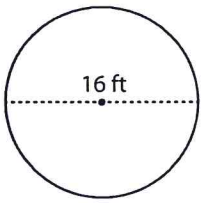


Area = _____

Name : _____ Score : _____

Circle - Area

Example :



Area of a circle = πr^2

Diameter = 16 ft

Radius (r) = 8 ft

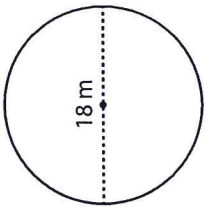
Area = πr^2

= π x 8 x 8

Area = **64π ft^2**

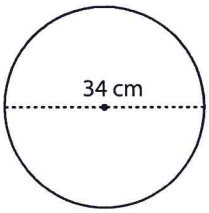
Find the exact area of each circle.

1)



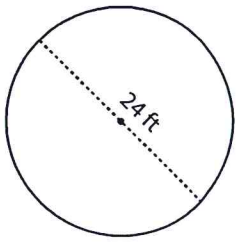
Area = _____

2)



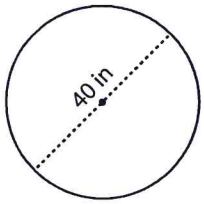
Area = _____

3)



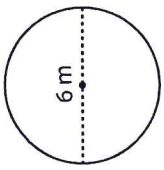
Area = _____

4)



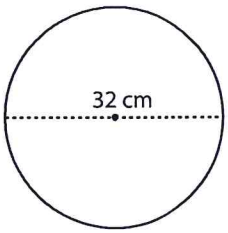
Area = _____

5)



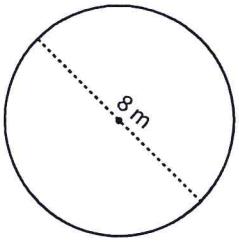
Area = _____

6)



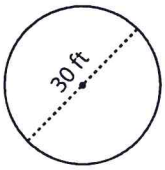
Area = _____

7)



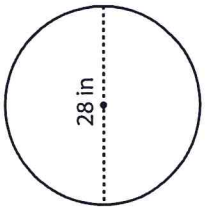
Area = _____

8)



Area = _____

9)



Area = _____