

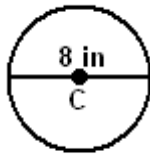
Advanced Geometry
Area and Circumference of Circles

Name: _____

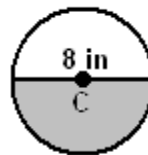
Circumference of a Circle =

Area of a Circle =

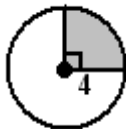
[EX 1]



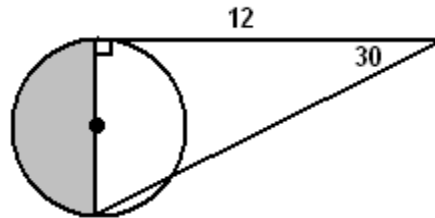
[EX 2]



[EX 3]

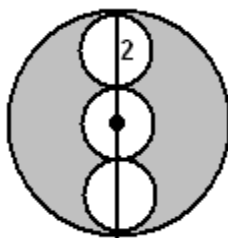


[EX 4]



[EX 5]

Shaded area?



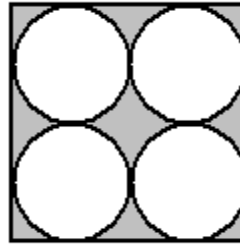
[EX 6]



Area of the square = 64

Shaded area = ?

[EX 7]



Area of the square = 256

Shaded Area = ?

[EX 8]

Find the radius of a circle whose circumference is 11.2

[EX 9]

Find the radius of a circle whose area is 42.

[EX 10]

Find the radius of a circle whose area is 100.

[EX 11]

Find the radius of a circle whose circumference is 48.