

More with Circles

Name: _____

Accelerated 7th Grade Math

Find the radius of a circle with...

1) a circumference of 119.3 cm

2) a circumference of 69.1 in

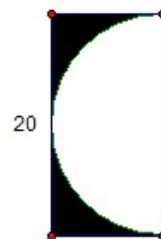
3) an area of 226.9 ft²

4) an area of 2,826 mi²

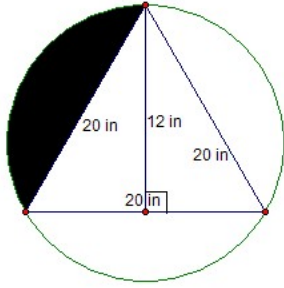
5) Find the area of the shaded region:



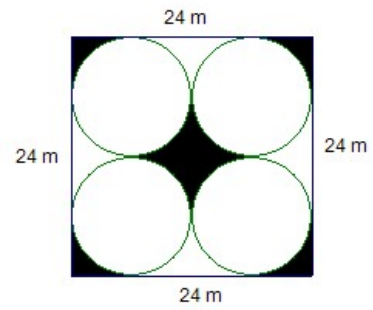
6) Find the area of the shaded region



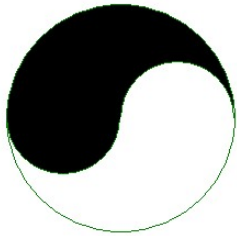
- 7) Find the area of the shaded region if the radius of the circle is 9 in.



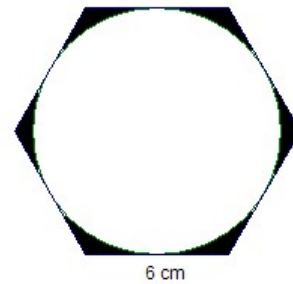
- 8) Find the area of the shaded region



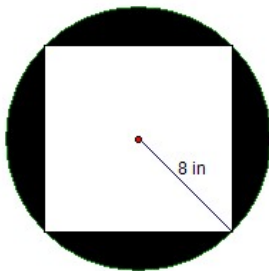
- 9) Find the area of the shaded region if the radius of the big circle is 12 cm.



- 10) Find the area of the shaded region if the radius of the circle is 5.2 cm.



- 11) Find the area of the shaded region.



- 12) Find the area of the shaded region. The legs of the triangle are the diameters for the outer semicircles. The hypotenuse of the triangle is the diameter for the inner (white) circle.

