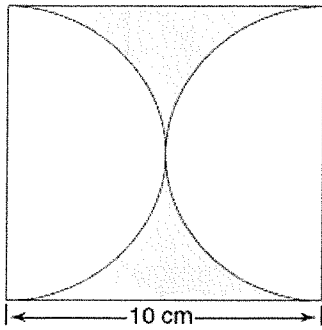


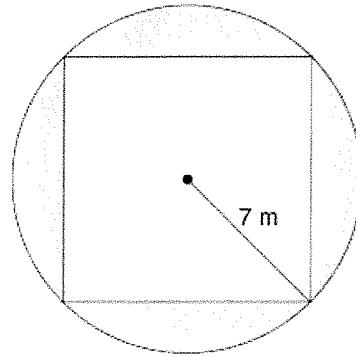
Name: _____

Find the area of the shaded region in each of the following figures.

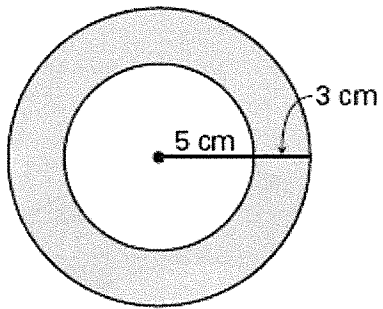
1.



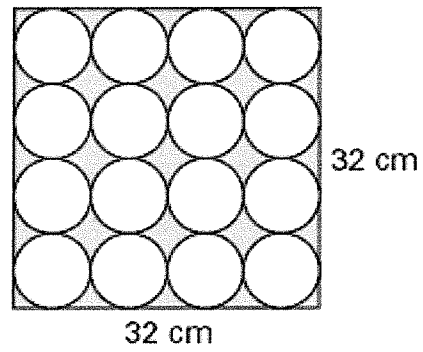
2.



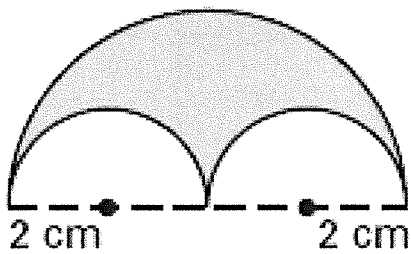
3.



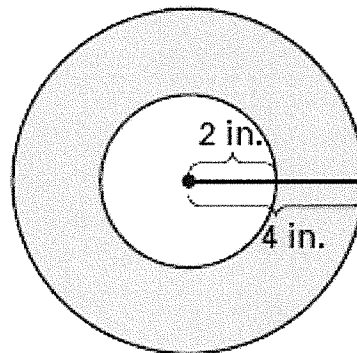
4.



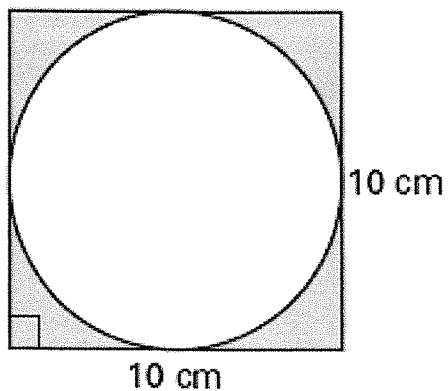
5.



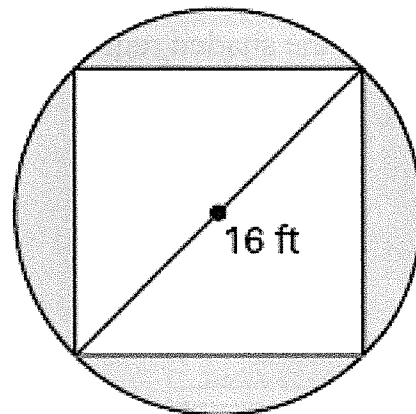
6.



7.



8.



Challenge Question

9. This figure consists of 2 concentric circles.

If the shaded area is 64π in.² and the smaller circle has a radius of 6 in., what is the radius in inches of the larger circle?

