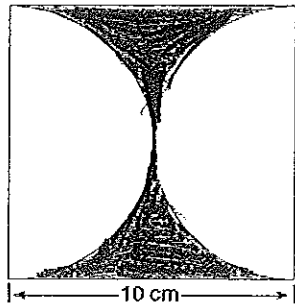


NAME \_\_\_\_\_ DATE \_\_\_\_\_

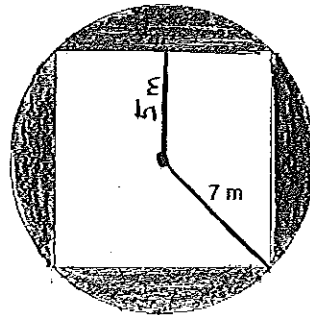
**Area of Shaded Region Worksheet**

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

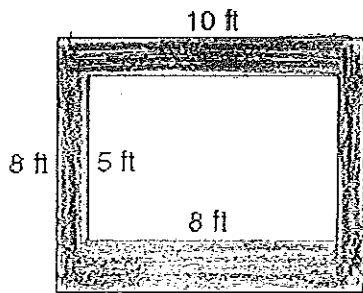
①  
A



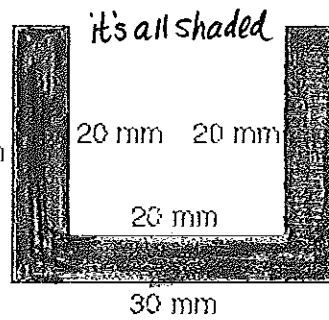
④  
A  
B  
C  
Acc



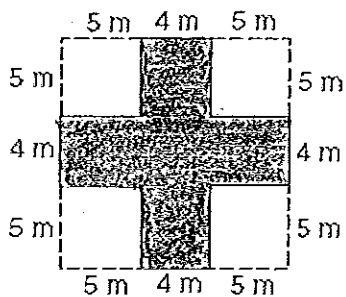
②  
A



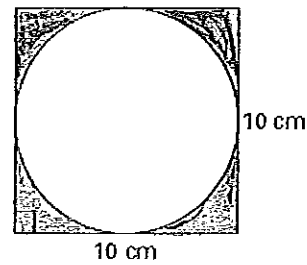
⑤  
B



③  
C  
Acc



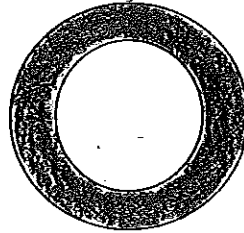
⑥  
A  
B



7

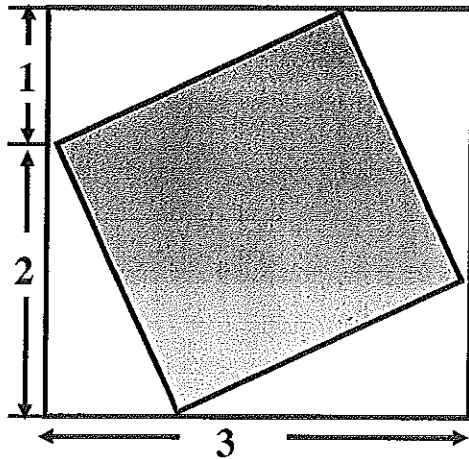
Acc

This figure consists of 2 concentric circles. If the shaded area is  $64\pi$  sq. in. and the smaller circle has a radius of 6 in., what is the radius, in inches of the larger circle?



8

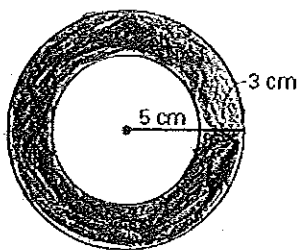
C  
Acc



The shaded square is inscribed in the larger square

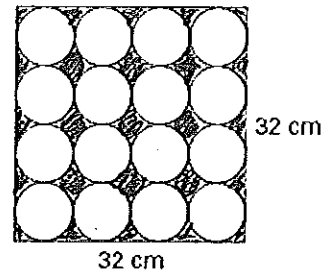
A  
B

9



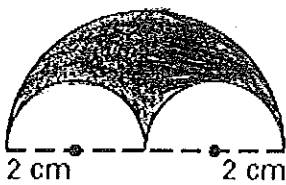
10

Acc



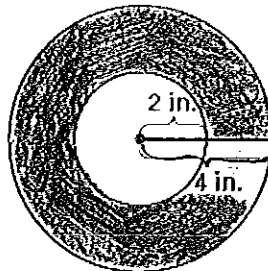
11

B  
Acc



12

C  
Acc



13

C

