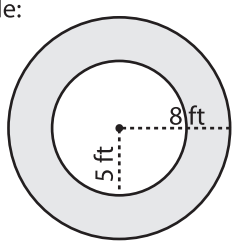
Name : _____

ES1

Concentric Circle - Area

Example:



Area = ?

Area of shaded region = (Area of outer circle) - (Area of inner circle)

$= \pi R^2 - \pi r^2$

$= \pi (R^2 - r^2)$

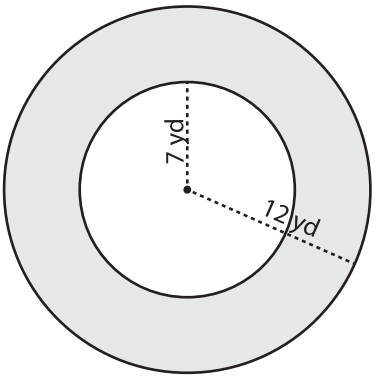
$= \pi (8^2 - 5^2)$

$= \pi (64 - 25)$

$= \mathbf{39\pi\ ft^2}$

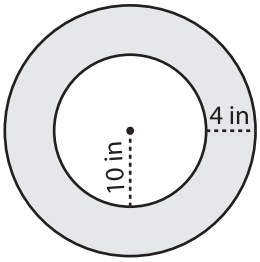
Find the area of the shaded region in terms of π.

1)



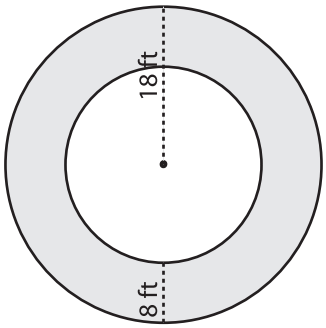
Area = _____

2)



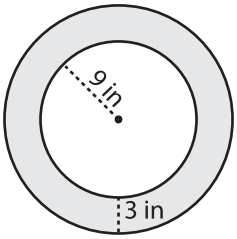
Area = _____

3)



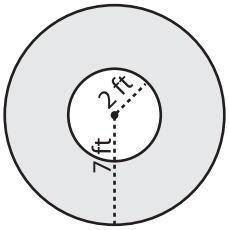
Area = _____

4)



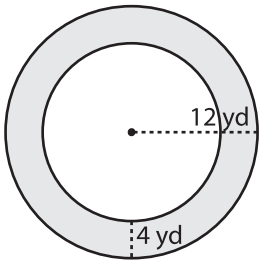
Area = _____

5)



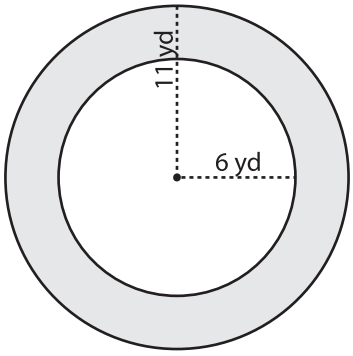
Area = _____

6)



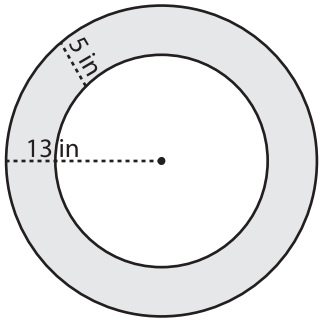
Area = _____

7)



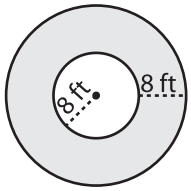
Area = _____

8)



Area = _____

9)



Area = _____