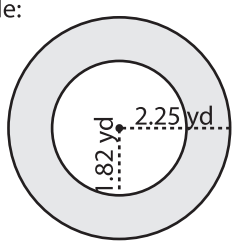
Name : _____

DS1

Concentric Circle - Area

Example:



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

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

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

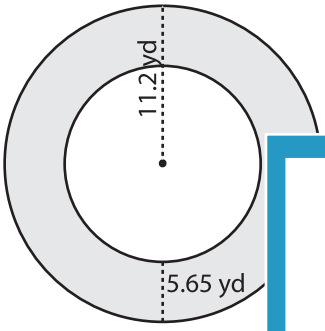
$= 3.14 \times (2.25^2 - 1.82^2)$

$= 3.14 \times (5.0625 - 3.3124)$

$= \mathbf{5.50\ yd^2}$

Find the area of each shaded region. Round your answer to two decimal places. (use $\pi = 3.14$)

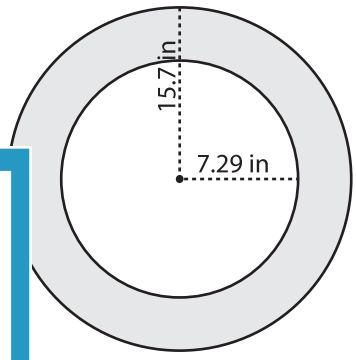
1)



Area = _____

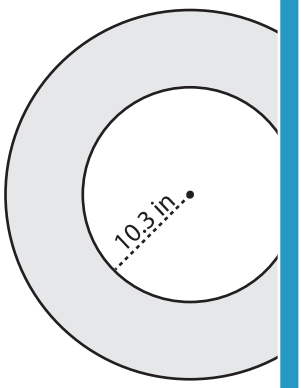
2)

3)

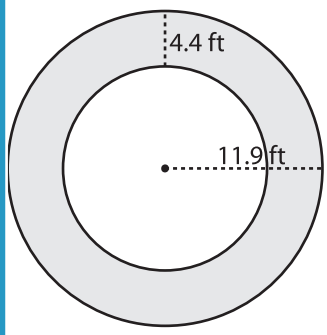


Area = _____

4)

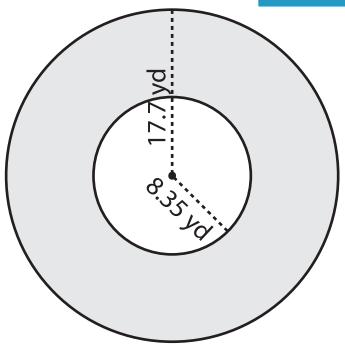


Area = _____

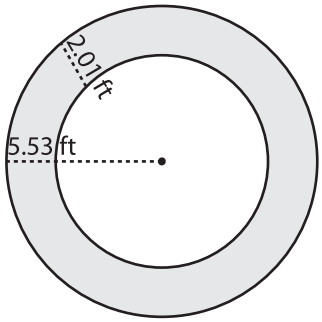


Area = _____

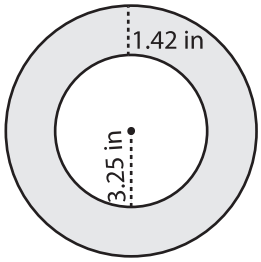
7)



Area = _____



Area = _____



Area = _____