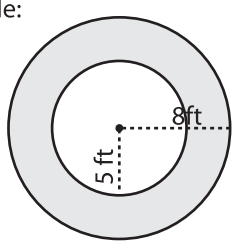
Name : _____

ES3

Concentric Circle - Area

Example:



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

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

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

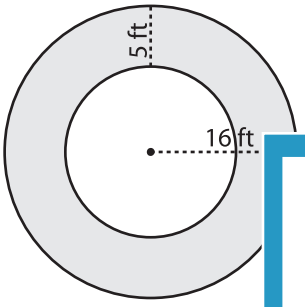
$= \pi (8^2 - 5^2)$

$= \pi (64 - 25)$

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

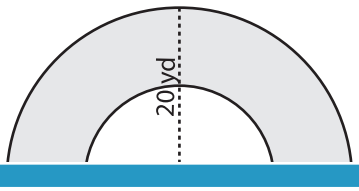
Find the area of the shaded region in terms of π.

1)

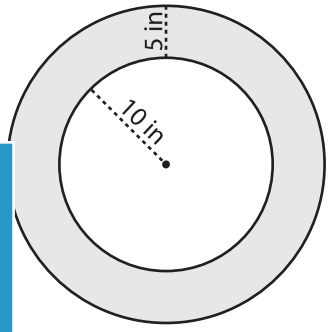


Area = _____

2)

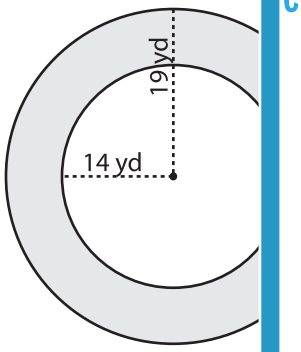


3)

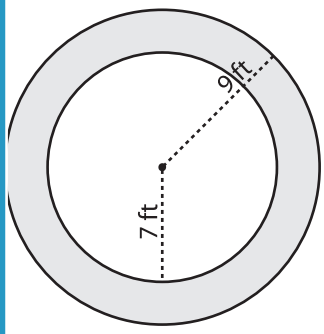


Area = _____

4)



Area = _____



Area = _____

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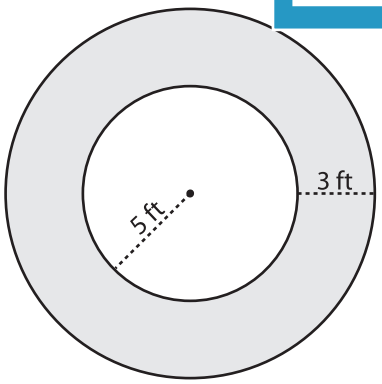
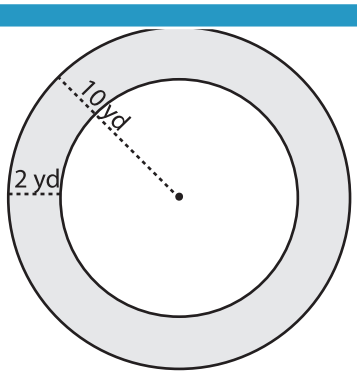
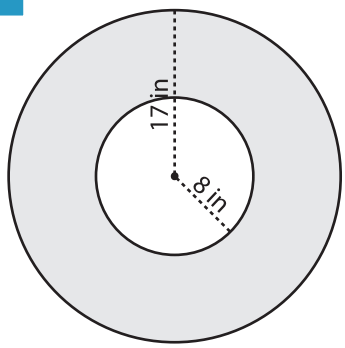
7)



Area = _____



Area = _____



Area = _____