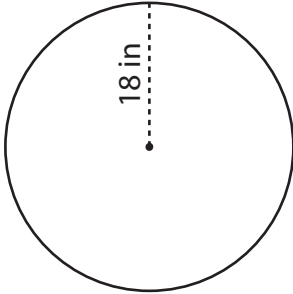


Area of a Circle

Answer Key

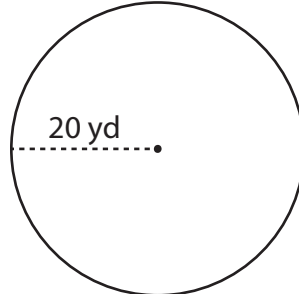
Find the area of each circle. Express your answer in terms of π .

1)



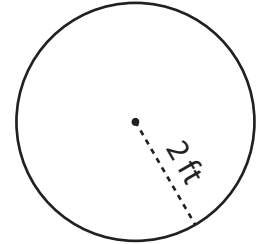
$$324\pi \text{ in}^2$$

2)



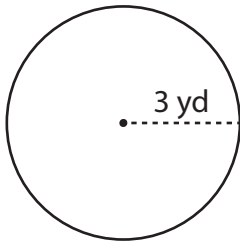
$$400\pi \text{ yd}^2$$

3)



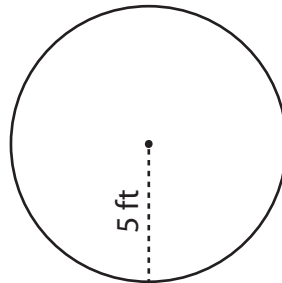
$$4\pi \text{ ft}^2$$

4)



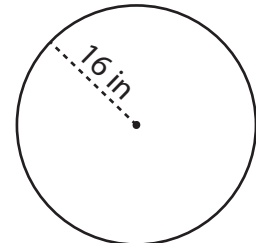
$$9\pi \text{ yd}^2$$

5)



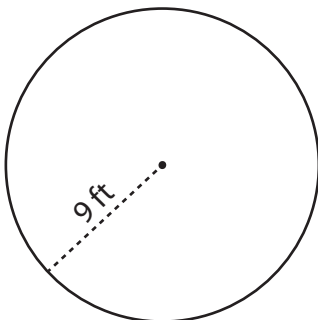
$$25\pi \text{ ft}^2$$

6)



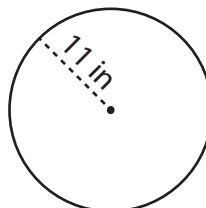
$$256\pi \text{ in}^2$$

7)



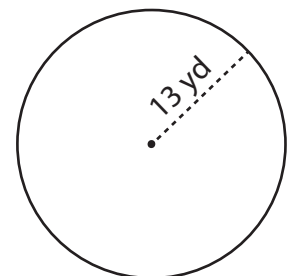
$$81\pi \text{ ft}^2$$

8)



$$121\pi \text{ in}^2$$

9)



$$169\pi \text{ yd}^2$$