

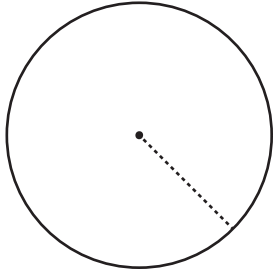
Name : \_\_\_\_\_

## Area

ES2

Find the area of each circle in terms of  $\pi$ .

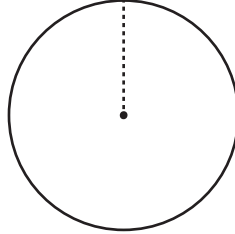
1)



Circumference =  $38\pi$  ft

Area = \_\_\_\_\_

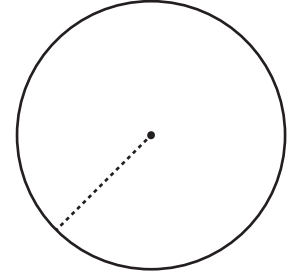
2)



Circumference =  $10\pi$  in

Circumference =  $10\pi$  in

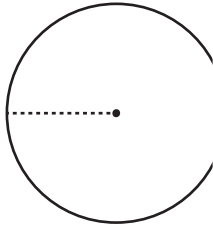
3)



Circumference =  $24\pi$  yd

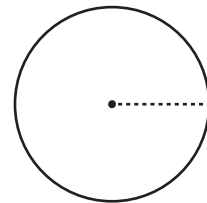
Area = \_\_\_\_\_

4)



Circumference =  $20\pi$  ft

Area = \_\_\_\_\_



Circumference =  $28\pi$  ft

Area = \_\_\_\_\_

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7) A dartboard has a circumference of  $10\pi$  ft.

Calculate the area of the board in terms of  $\pi$ .

Area = \_\_\_\_\_

8) A circular mirror has a circumference of  $40\pi$  in. Calculate the area available for aluminium coating. Write your answer in terms of  $\pi$ .

Area = \_\_\_\_\_