

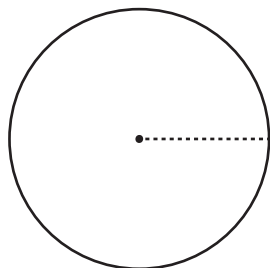
Name : _____

Area

DS2

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

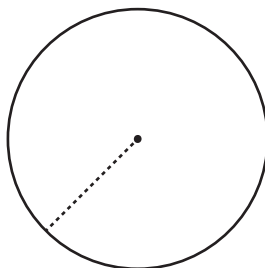
1)



Circumference = 46.6 yd

Area = _____

2)

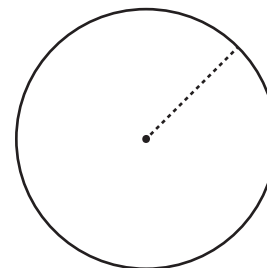


Circumference = 18.34 in

Circumference = 18.34 in

Circumference = 18.34 in

3)



Circumference = 41.82 ft

Circumference = 41.82 ft

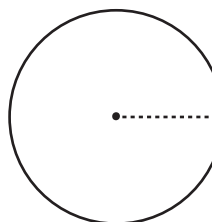
Circumference = 41.82 ft

Area = _____

Area = _____

Area = _____

4)



Circumference = 8.23 yd

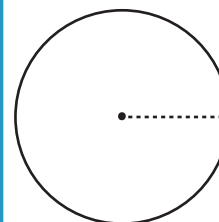
Circumference = 8.23 yd

Circumference = 8.23 yd

Area = _____

Area = _____

Area = _____



Circumference = 8.23 yd

Circumference = 8.23 yd

Circumference = 8.23 yd

Area = _____

Area = _____

Area = _____

7) If a dart board is circular, what is the area of the board if the radius is 10 in? Round your answer to two decimal places.

Area = _____

8) The circumference of a circular sheet is 72.2 in. Find the area of color paper required to cover the sheet. Round your answer to two decimal places. (use $\pi = 3.14$)

Area = _____

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Name : _____

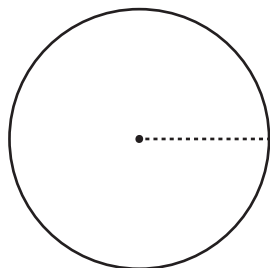
Answer key

DS2

Area

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

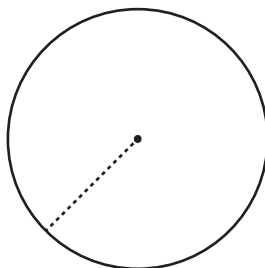
1)



Circumference = 46.6 yd

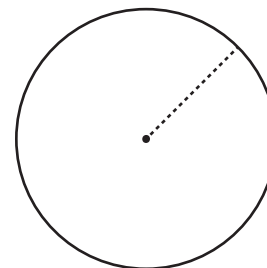
Area = 172.89 yd²

2)



Circumference = 18.34 in

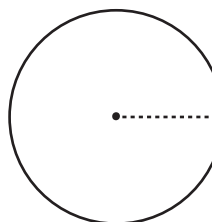
3)



Circumference = 41.82 ft

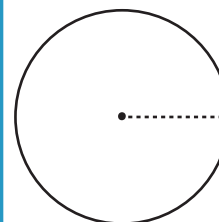
Area = 139.24 ft²

4)



Circumference = 82

Area = 538.88 in²



Circumference = 8.23 yd

Area = 5.39 yd²

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7) If a dart board is circular, find the area of the dart board. Round your answer to two decimal places.

Area = 306.54 in²

8) The circumference of a circular sheet is 72.2 in. Find the area of color paper required to cover the sheet. Round your answer to two decimal places. (use $\pi = 3.14$)

Area = 415.04 in²