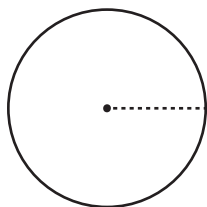


Area

Difficult: S1

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

1)

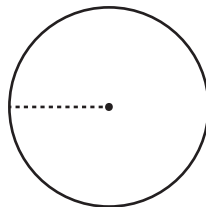


Circumference = 77.87 cm

Radius = _____

Area = _____

2)

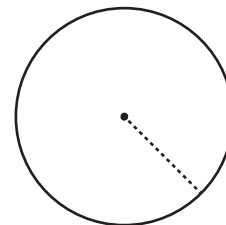


Circumference = 111.78 ft

Radius = _____

Area = _____

3)

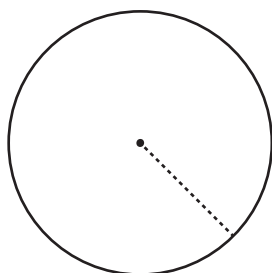


Circumference = 56.08 m

Radius = _____

Area = _____

4)

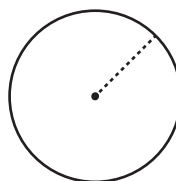


Circumference = 41.20 ft

Radius = _____

Area = _____

5)

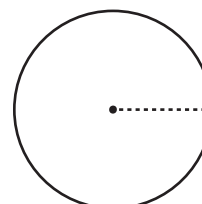


Circumference = 18.15 cm

Radius = _____

Area = _____

6)



Circumference = 27.32 in

Radius = _____

Area = _____

7) A circle has a circumference of 70.96 m. What is its area?

Area = _____

8) The circumference of a circular lid is 102.99 ft. What is the area of the lid?

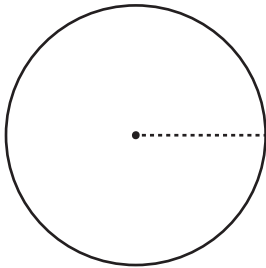
Area = _____

Area

Difficult: S2

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

1)

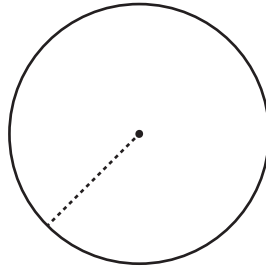


Circumference = 46.60 cm

Radius = _____

Area = _____

2)

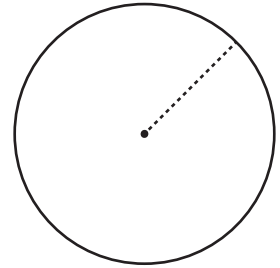


Circumference = 18.34 m

Radius = _____

Area = _____

3)

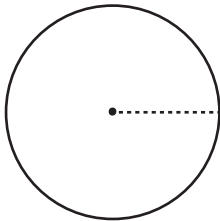


Circumference = 41.82 ft

Radius = _____

Area = _____

4)

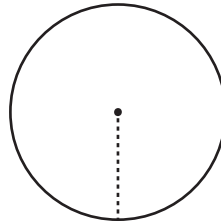


Circumference = 82.27 m

Radius = _____

Area = _____

5)

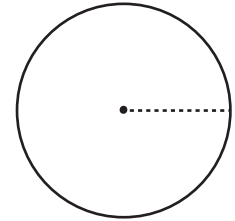


Circumference = 99.85 ft

Radius = _____

Area = _____

6)



Circumference = 8.23 cm

Radius = _____

Area = _____

7) If a dartboard has a circumference of 62.05 m, then what is the area available for landing the dart?

Area = _____

8) The circumference of a circular sheet is 72.2 yd. Find the area of color paper required to cover the sheet.

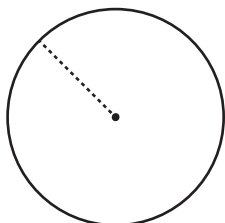
Area = _____

Area

Difficult: S3

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

1)

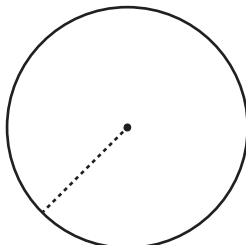


Circumference = 86.66 ft

Radius = _____

Area = _____

2)

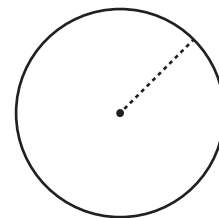


Circumference = 62.74 in

Radius = _____

Area = _____

3)

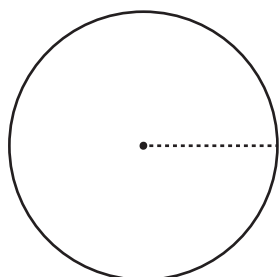


Circumference = 33.41 m

Radius = _____

Area = _____

4)

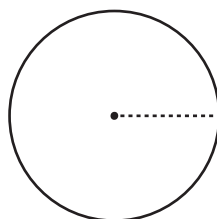


Circumference = 45.53 in

Radius = _____

Area = _____

5)

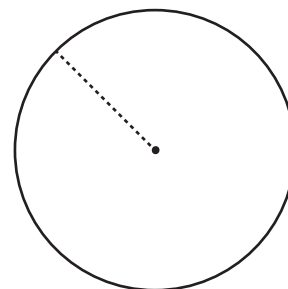


Circumference = 108.64 m

Radius = _____

Area = _____

6)



Circumference = 16.64 cm

Radius = _____

Area = _____

7) The circumference of a circular garden is 24.74 in. What is the area of the circular garden?

Area = _____

8) If Emma runs twice around the corner of a circular field and covers the distance of 128.12 m, what will be the area of the circular field?

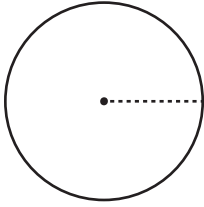
Area = _____

Answer Key**Area**

Difficult: S1

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

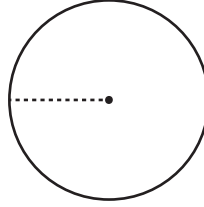
1)



Circumference = 77.87 cm

Radius = 12.4 cmArea = 482.81 cm²

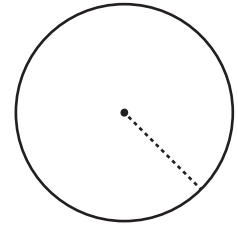
2)



Circumference = 111.78 ft

Radius = 17.8 ftArea = 994.88 ft²

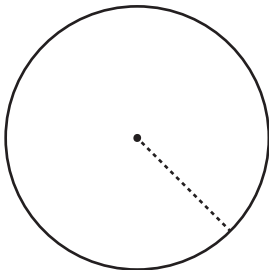
3)



Circumference = 56.08 m

Radius = 8.93 mArea = 250.40 m²

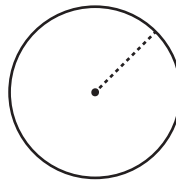
4)



Circumference = 41.20 ft

Radius = 6.56 ftArea = 135.13 ft²

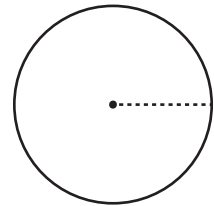
5)



Circumference = 18.15 cm

Radius = 2.89 cmArea = 26.23 cm²

6)



Circumference = 27.32 in

Radius = 4.35 inArea = 59.42 in²

7) A circle has a circumference of 70.96 m. What is its area?

Area = 400.95 m²

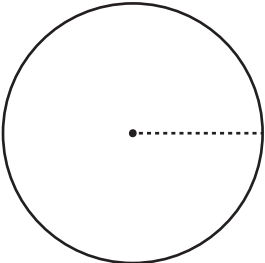
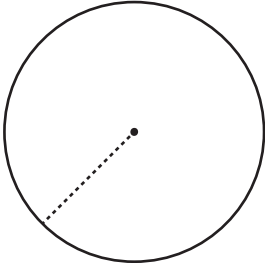
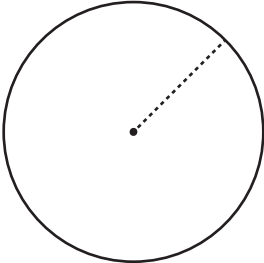
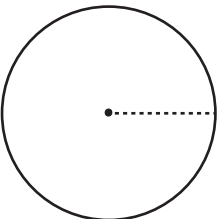
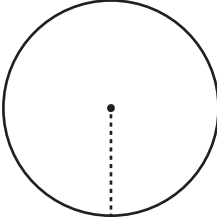
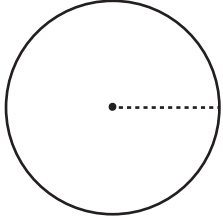
8) The circumference of a circular lid is 102.99 ft. What is the area of the lid?

Area = 844.53 ft²

Answer Key**Area**

Difficult: S2

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

- 1)  Circumference = 46.60 cm
Radius = 7.42 cm
Area = 172.88 cm²
- 2)  Circumference = 18.34 m
Radius = 2.92 m
Area = 26.77 m²
- 3)  Circumference = 41.82 ft
Radius = 6.66 ft
Area = 139.28 ft²
- 4)  Circumference = 82.27 m
Radius = 13.1 m
Area = 538.86 m²
- 5)  Circumference = 99.85 ft
Radius = 15.9 ft
Area = 793.82 ft²
- 6)  Circumference = 8.23 cm
Radius = 1.31 cm
Area = 5.39 cm²

7) If a dartboard has a circumference of 62.05 m, then what is the area available for landing the dart?

Area = 306.51 m²

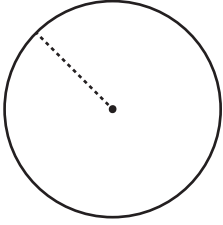
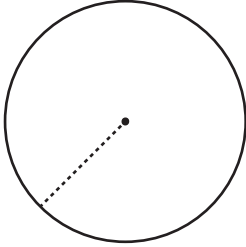
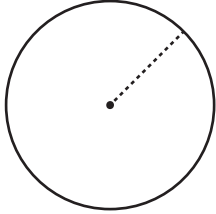
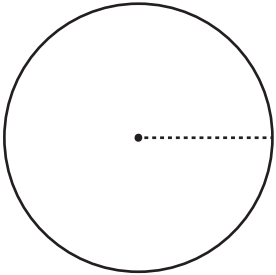
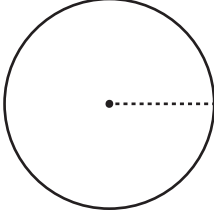
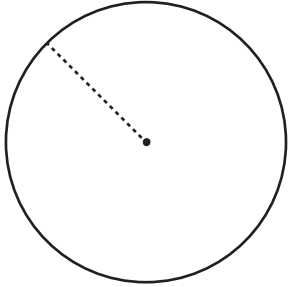
8) The circumference of a circular sheet is 72.2 yd. Find the area of color paper required to cover the sheet.

Area = 415.27 yd²

Answer Key**Area**

Difficult: S3

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

- 1)  Circumference = 86.66 ft
Radius = 13.8 ft
Area = 597.98 ft²
- 2)  Circumference = 62.74 in
Radius = 9.99 in
Area = 313.37 in²
- 3)  Circumference = 33.41 m
Radius = 5.32 m
Area = 88.87 m²
- 4)  Circumference = 45.53 in
Radius = 7.25 in
Area = 165.05 in²
- 5)  Circumference = 108.64 m
Radius = 17.3 m
Area = 939.77 m²
- 6)  Circumference = 16.64 cm
Radius = 2.65 cm
Area = 22.05 cm²

7) The circumference of a circular garden is 24.74 in. What is the area of the circular garden?

Area = 48.74 in²

8) If Emma runs twice around the corner of a circular field and covers the distance of 128.12 m, what will be the area of the circular field?

Area = 326.69 m²