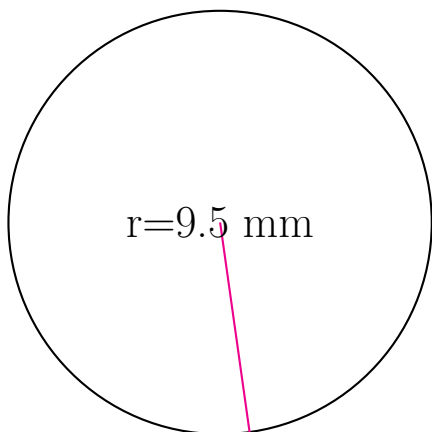


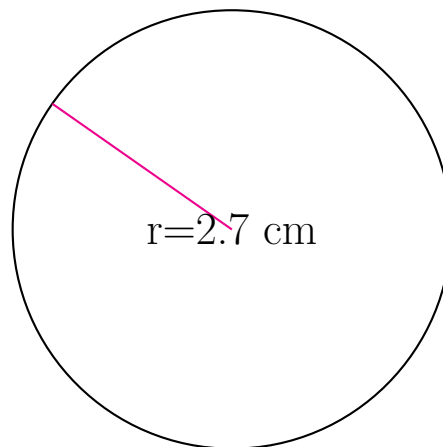
Area and Circumference of Circles (A)

Calculate the area and circumference of each circle.



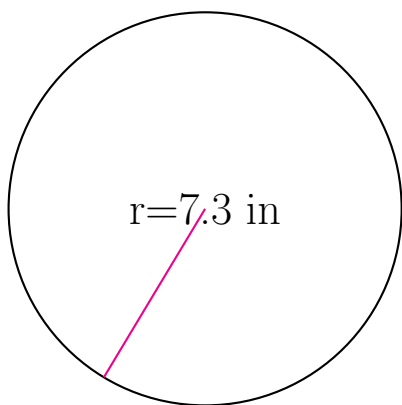
circumference = _____

area = _____



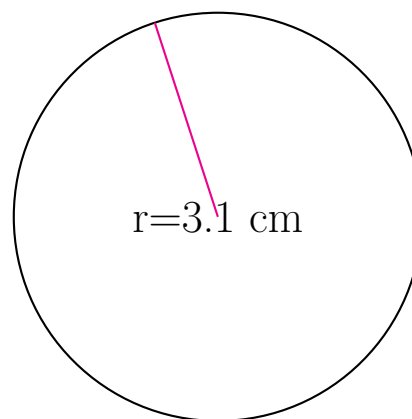
circumference = _____

area = _____



circumference = _____

area = _____

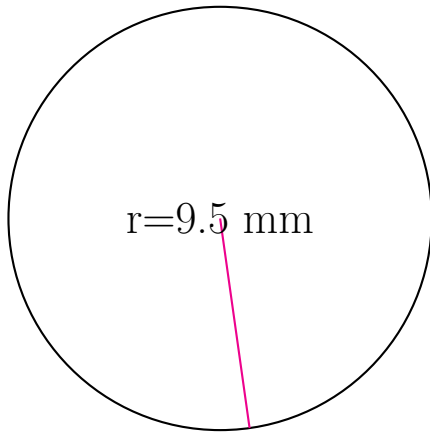


circumference = _____

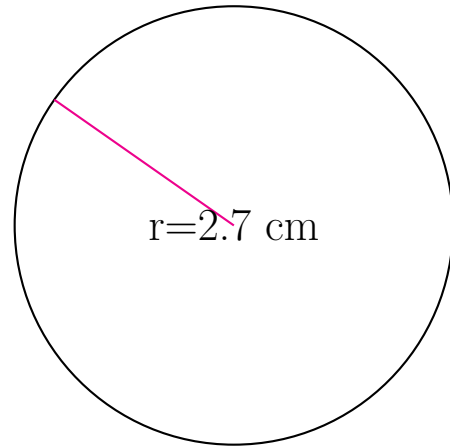
area = _____

Area and Circumference of Circles (A) Answers

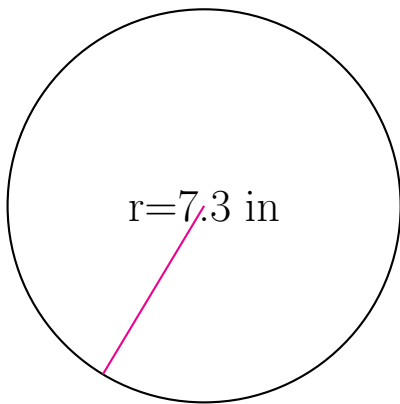
Calculate the area and circumference of each circle.



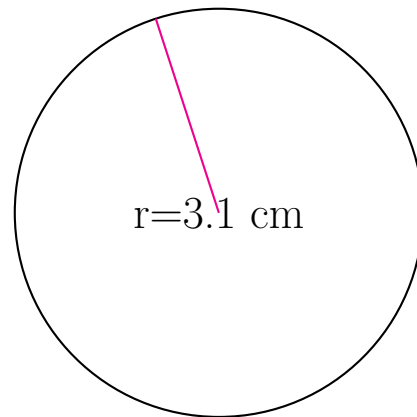
$$\begin{aligned} \text{circumference} &= \underline{59.69 \text{ mm}} \\ \text{area} &= \underline{283.529 \text{ mm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{16.965 \text{ cm}} \\ \text{area} &= \underline{22.902 \text{ cm}^2} \end{aligned}$$



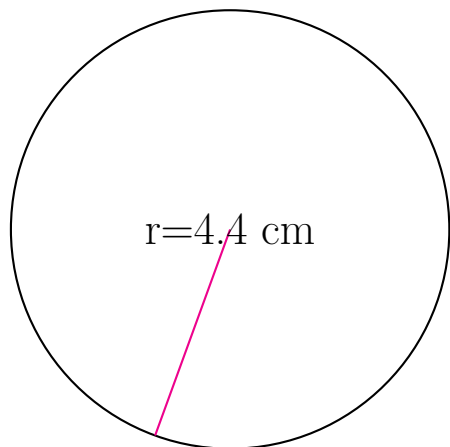
$$\begin{aligned} \text{circumference} &= \underline{45.867 \text{ in}} \\ \text{area} &= \underline{167.415 \text{ in}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{19.478 \text{ cm}} \\ \text{area} &= \underline{30.191 \text{ cm}^2} \end{aligned}$$

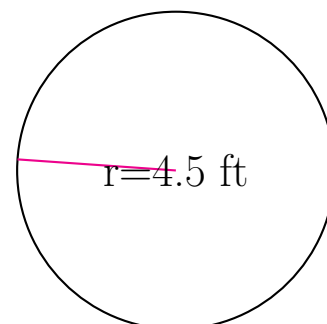
Area and Circumference of Circles (B)

Calculate the area and circumference of each circle.



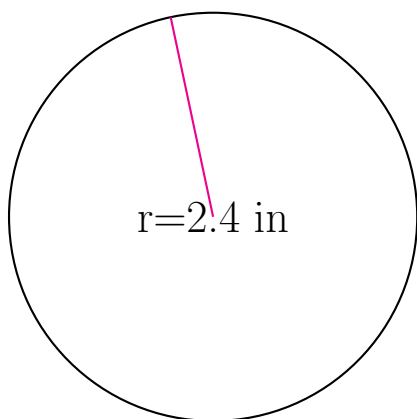
circumference = _____

area = _____



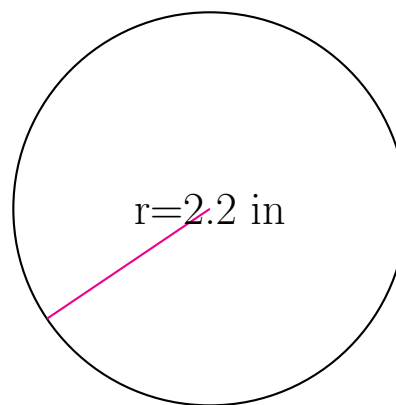
circumference = _____

area = _____



circumference = _____

area = _____

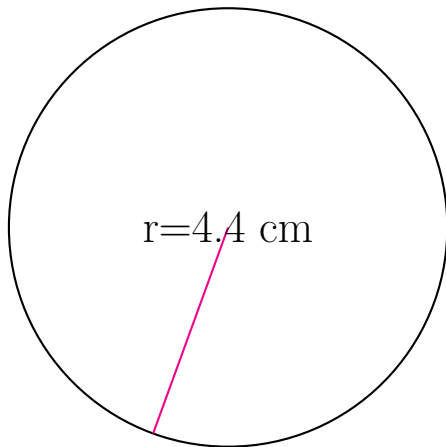


circumference = _____

area = _____

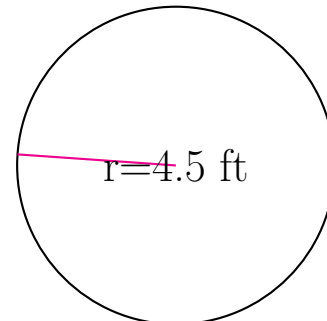
Area and Circumference of Circles (B) Answers

Calculate the area and circumference of each circle.



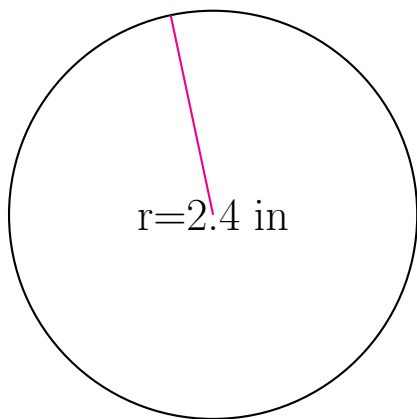
$$\text{circumference} = \underline{27.646 \text{ cm}}$$

$$\text{area} = \underline{60.821 \text{ cm}^2}$$



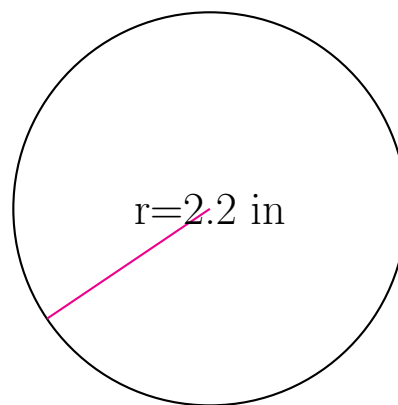
$$\text{circumference} = \underline{28.274 \text{ ft}}$$

$$\text{area} = \underline{63.617 \text{ ft}^2}$$



$$\text{circumference} = \underline{15.08 \text{ in}}$$

$$\text{area} = \underline{18.096 \text{ in}^2}$$

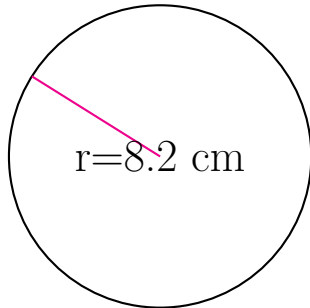


$$\text{circumference} = \underline{13.823 \text{ in}}$$

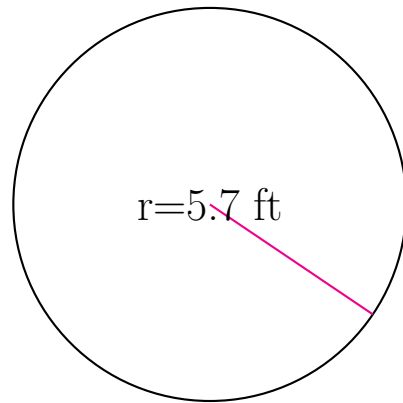
$$\text{area} = \underline{15.205 \text{ in}^2}$$

Area and Circumference of Circles (C)

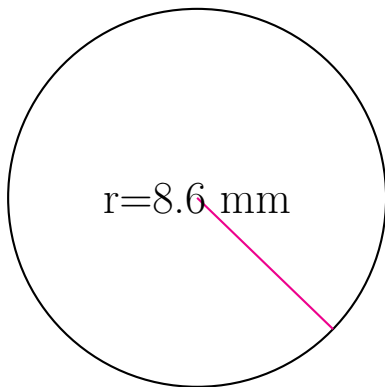
Calculate the area and circumference of each circle.



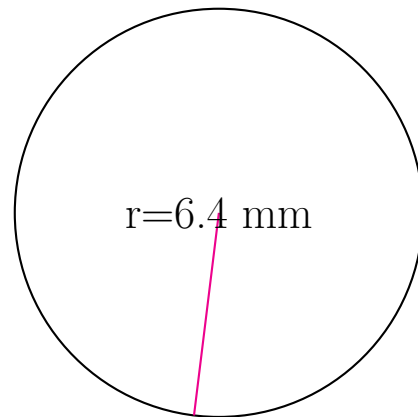
circumference = _____
area = _____



circumference = _____
area = _____



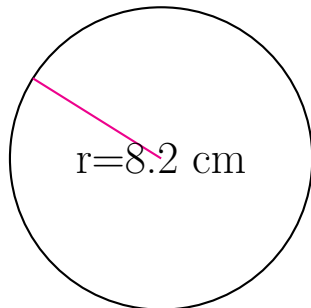
circumference = _____
area = _____



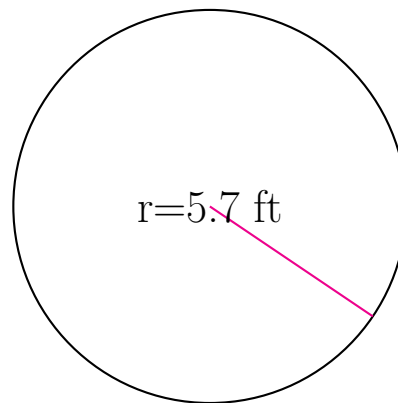
circumference = _____
area = _____

Area and Circumference of Circles (C) Answers

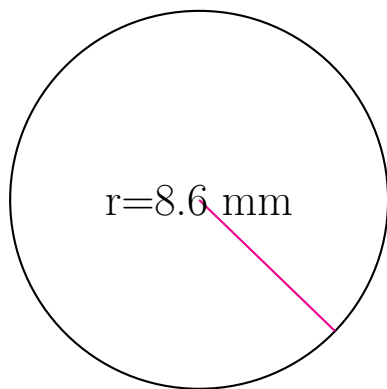
Calculate the area and circumference of each circle.



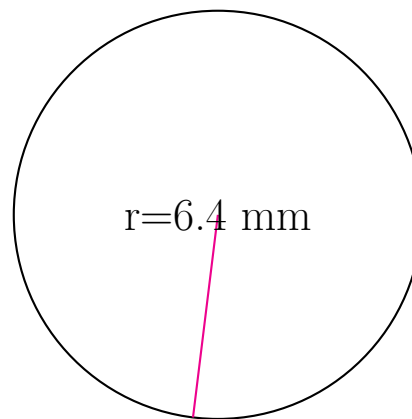
$$\begin{aligned} \text{circumference} &= \underline{51.522 \text{ cm}} \\ \text{area} &= \underline{211.241 \text{ cm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{35.814 \text{ ft}} \\ \text{area} &= \underline{102.07 \text{ ft}^2} \end{aligned}$$



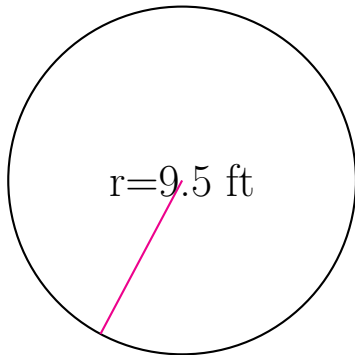
$$\begin{aligned} \text{circumference} &= \underline{54.035 \text{ mm}} \\ \text{area} &= \underline{232.352 \text{ mm}^2} \end{aligned}$$



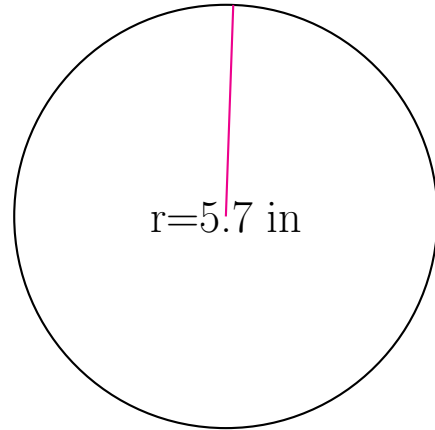
$$\begin{aligned} \text{circumference} &= \underline{40.212 \text{ mm}} \\ \text{area} &= \underline{128.68 \text{ mm}^2} \end{aligned}$$

Area and Circumference of Circles (D)

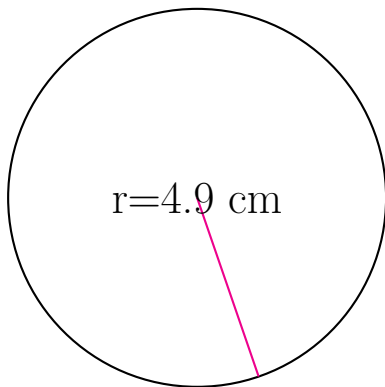
Calculate the area and circumference of each circle.



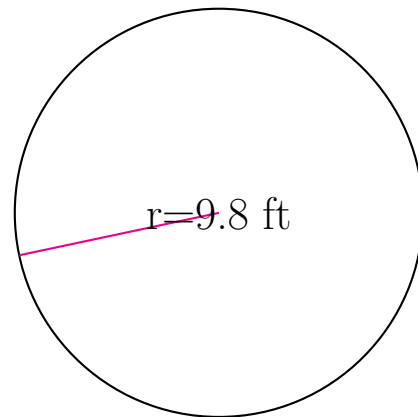
circumference = _____
area = _____



circumference = _____
area = _____



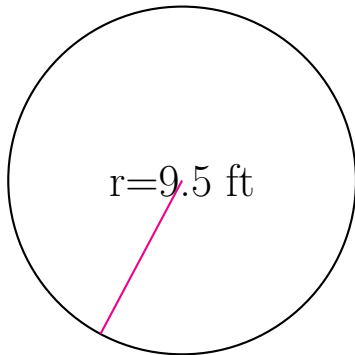
circumference = _____
area = _____



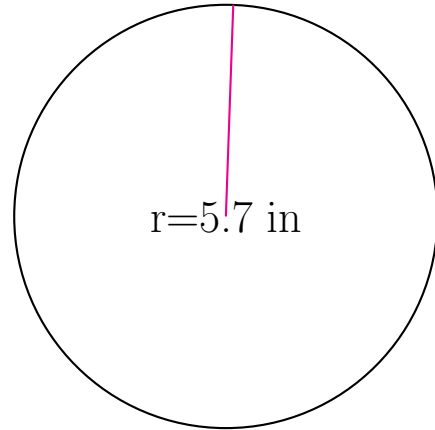
circumference = _____
area = _____

Area and Circumference of Circles (D) Answers

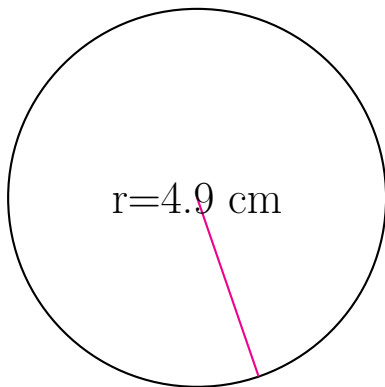
Calculate the area and circumference of each circle.



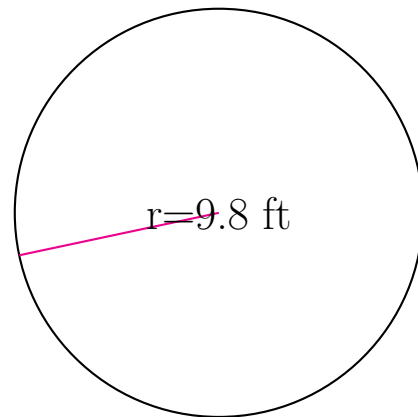
$$\begin{aligned} \text{circumference} &= \underline{59.69 \text{ ft}} \\ \text{area} &= \underline{283.529 \text{ ft}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{35.814 \text{ in}} \\ \text{area} &= \underline{102.07 \text{ in}^2} \end{aligned}$$



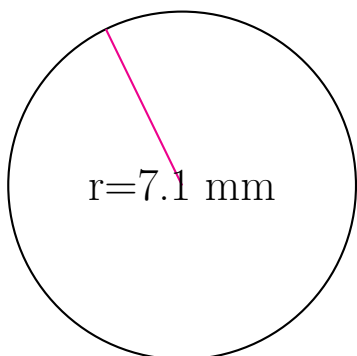
$$\begin{aligned} \text{circumference} &= \underline{30.788 \text{ cm}} \\ \text{area} &= \underline{75.43 \text{ cm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{61.575 \text{ ft}} \\ \text{area} &= \underline{301.719 \text{ ft}^2} \end{aligned}$$

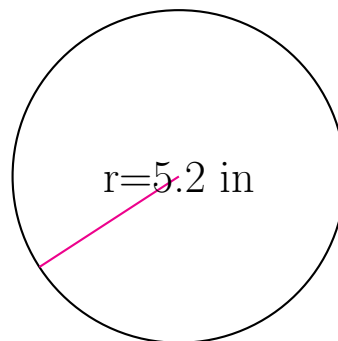
Area and Circumference of Circles (E)

Calculate the area and circumference of each circle.



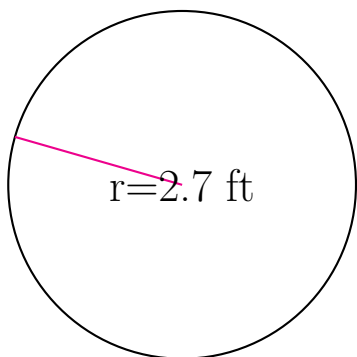
circumference = _____

area = _____



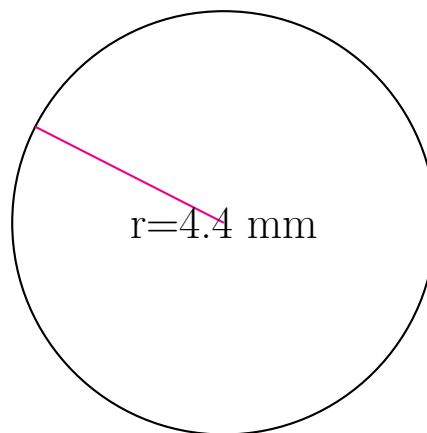
circumference = _____

area = _____



circumference = _____

area = _____

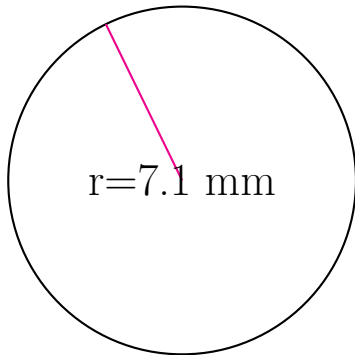


circumference = _____

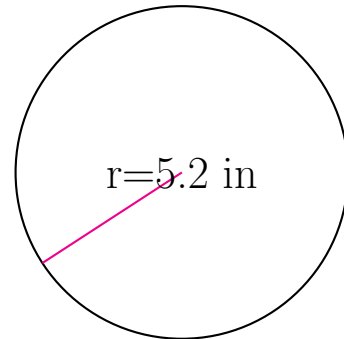
area = _____

Area and Circumference of Circles (E) Answers

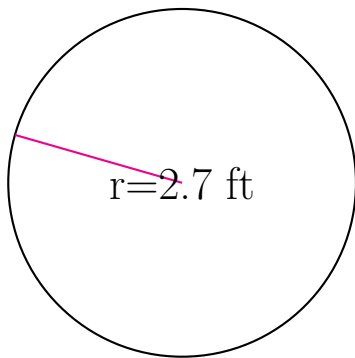
Calculate the area and circumference of each circle.



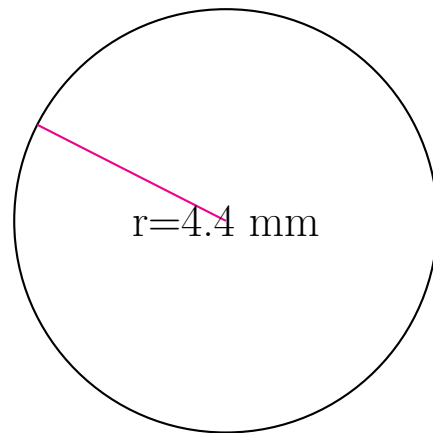
$$\begin{aligned} \text{circumference} &= \underline{44.611 \text{ mm}} \\ \text{area} &= \underline{158.368 \text{ mm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{32.673 \text{ in}} \\ \text{area} &= \underline{84.949 \text{ in}^2} \end{aligned}$$



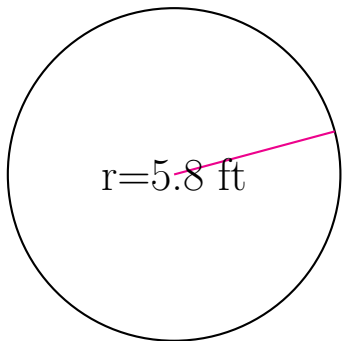
$$\begin{aligned} \text{circumference} &= \underline{16.965 \text{ ft}} \\ \text{area} &= \underline{22.902 \text{ ft}^2} \end{aligned}$$



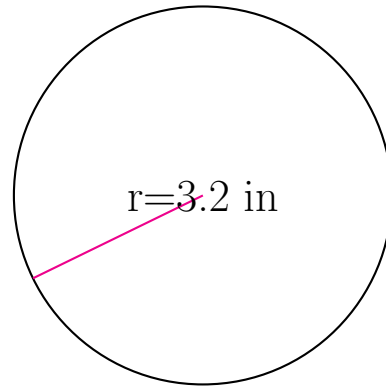
$$\begin{aligned} \text{circumference} &= \underline{27.646 \text{ mm}} \\ \text{area} &= \underline{60.821 \text{ mm}^2} \end{aligned}$$

Area and Circumference of Circles (F)

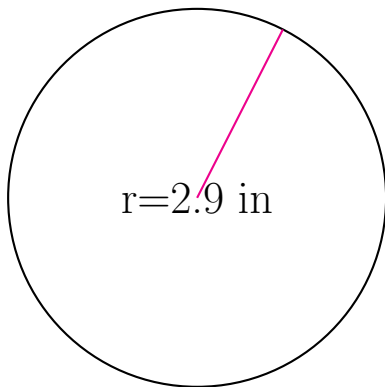
Calculate the area and circumference of each circle.



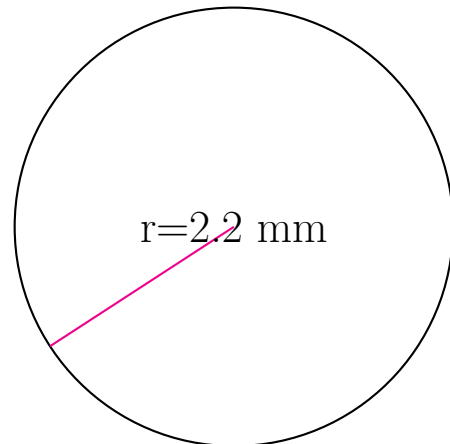
circumference = _____
area = _____



circumference = _____
area = _____



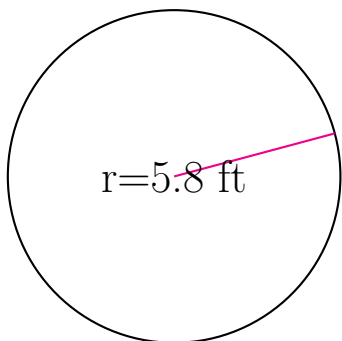
circumference = _____
area = _____



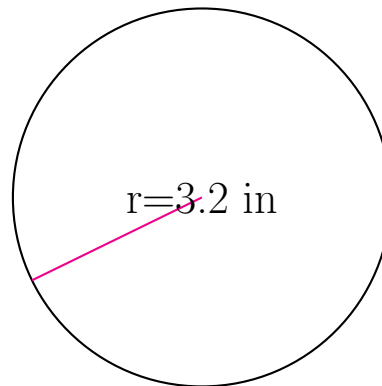
circumference = _____
area = _____

Area and Circumference of Circles (F) Answers

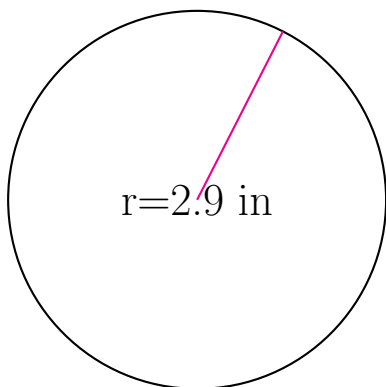
Calculate the area and circumference of each circle.



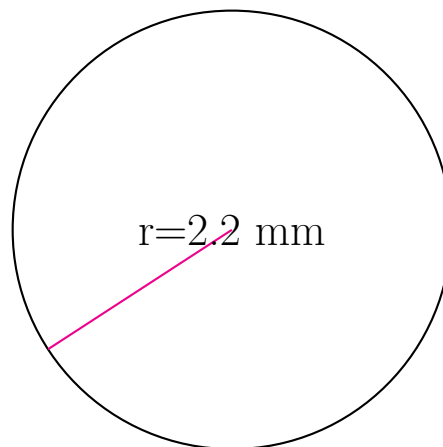
$$\begin{aligned} \text{circumference} &= \underline{36.442 \text{ ft}} \\ \text{area} &= \underline{105.683 \text{ ft}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{20.106 \text{ in}} \\ \text{area} &= \underline{32.17 \text{ in}^2} \end{aligned}$$



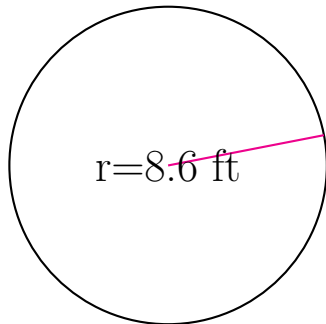
$$\begin{aligned} \text{circumference} &= \underline{18.221 \text{ in}} \\ \text{area} &= \underline{26.421 \text{ in}^2} \end{aligned}$$



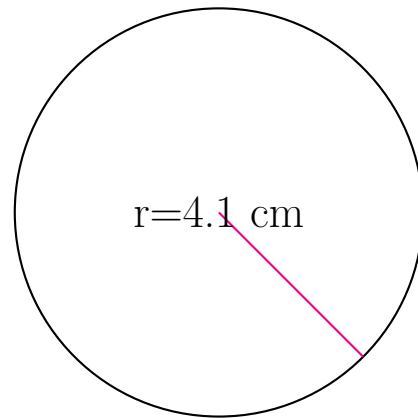
$$\begin{aligned} \text{circumference} &= \underline{13.823 \text{ mm}} \\ \text{area} &= \underline{15.205 \text{ mm}^2} \end{aligned}$$

Area and Circumference of Circles (G)

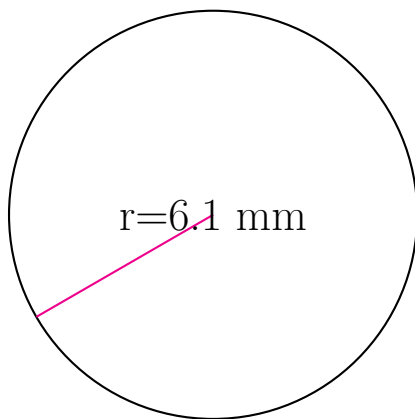
Calculate the area and circumference of each circle.



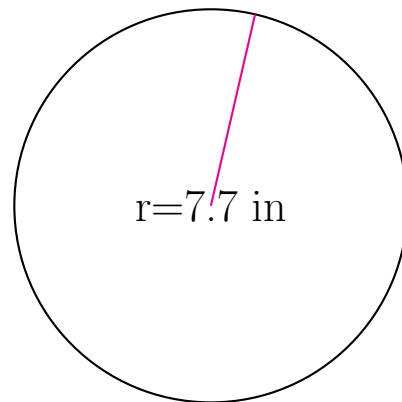
circumference = _____
area = _____



circumference = _____
area = _____



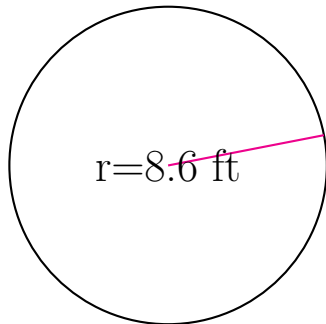
circumference = _____
area = _____



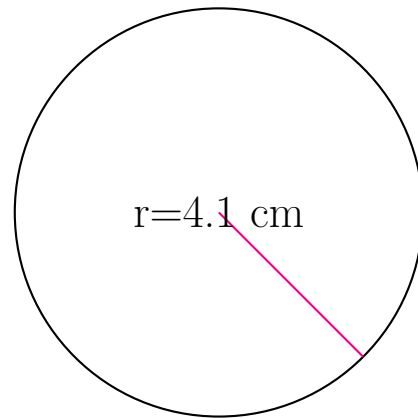
circumference = _____
area = _____

Area and Circumference of Circles (G) Answers

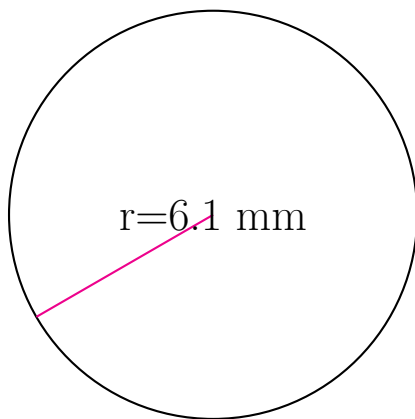
Calculate the area and circumference of each circle.



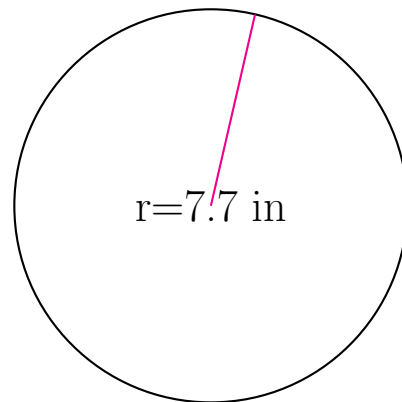
$$\begin{aligned} \text{circumference} &= \underline{54.035 \text{ ft}} \\ \text{area} &= \underline{232.352 \text{ ft}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{25.761 \text{ cm}} \\ \text{area} &= \underline{52.81 \text{ cm}^2} \end{aligned}$$



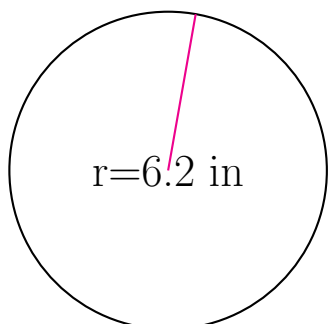
$$\begin{aligned} \text{circumference} &= \underline{38.327 \text{ mm}} \\ \text{area} &= \underline{116.899 \text{ mm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{48.381 \text{ in}} \\ \text{area} &= \underline{186.265 \text{ in}^2} \end{aligned}$$

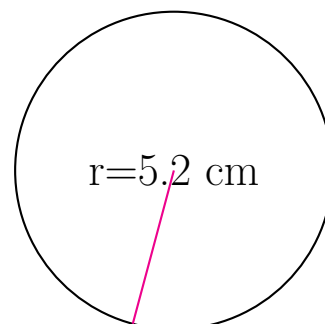
Area and Circumference of Circles (H)

Calculate the area and circumference of each circle.



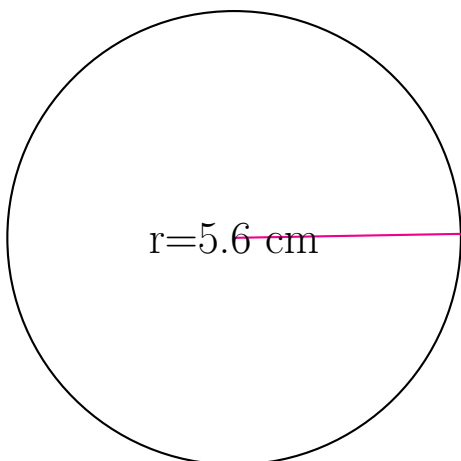
circumference = _____

area = _____



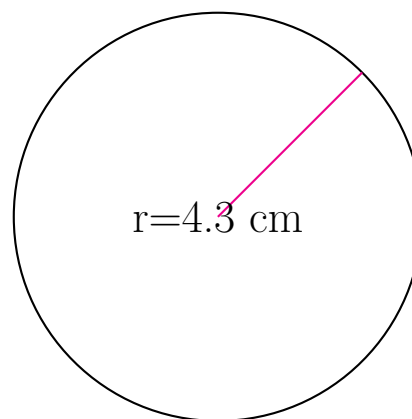
circumference = _____

area = _____



circumference = _____

area = _____

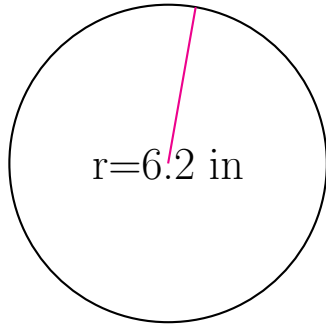


circumference = _____

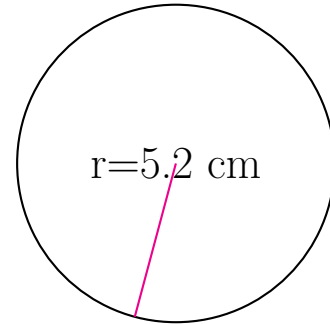
area = _____

Area and Circumference of Circles (H) Answers

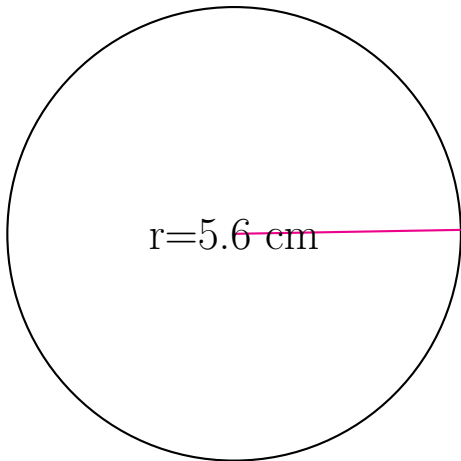
Calculate the area and circumference of each circle.



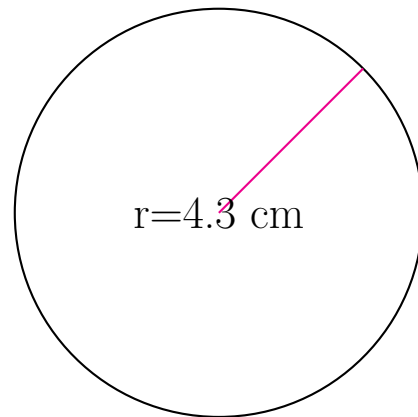
$$\begin{aligned} \text{circumference} &= \underline{38.956 \text{ in}} \\ \text{area} &= \underline{120.763 \text{ in}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{32.673 \text{ cm}} \\ \text{area} &= \underline{84.949 \text{ cm}^2} \end{aligned}$$



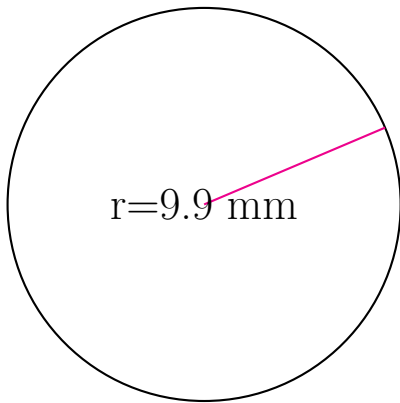
$$\begin{aligned} \text{circumference} &= \underline{35.186 \text{ cm}} \\ \text{area} &= \underline{98.52 \text{ cm}^2} \end{aligned}$$



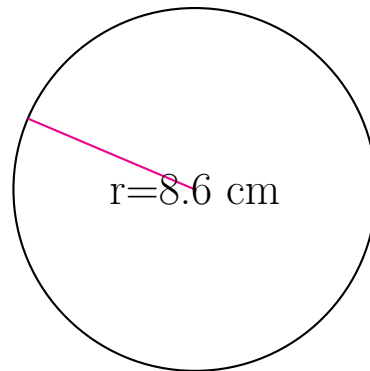
$$\begin{aligned} \text{circumference} &= \underline{27.018 \text{ cm}} \\ \text{area} &= \underline{58.088 \text{ cm}^2} \end{aligned}$$

Area and Circumference of Circles (I)

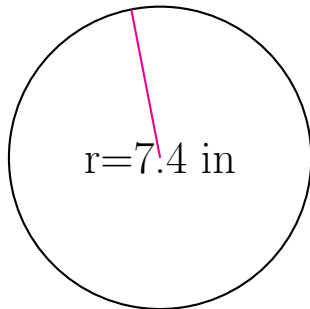
Calculate the area and circumference of each circle.



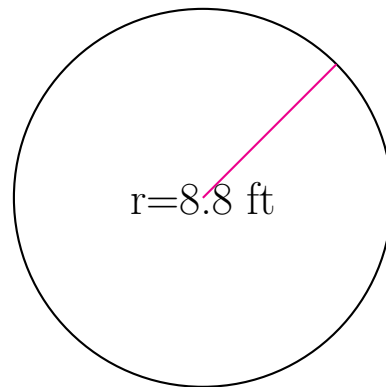
circumference = _____
area = _____



circumference = _____
area = _____



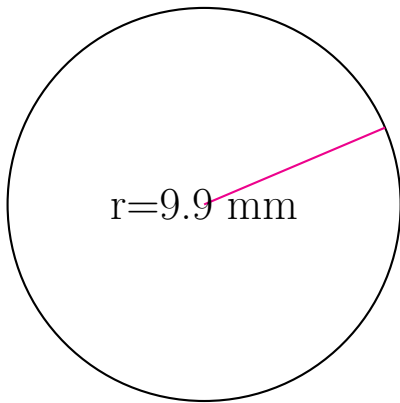
circumference = _____
area = _____



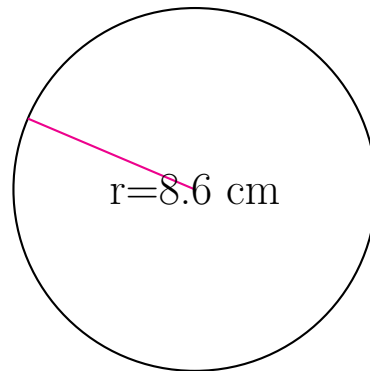
circumference = _____
area = _____

Area and Circumference of Circles (I) Answers

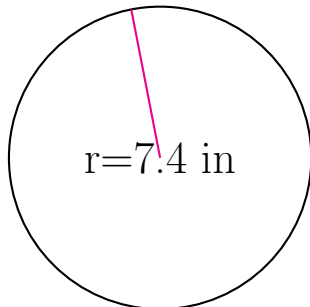
Calculate the area and circumference of each circle.



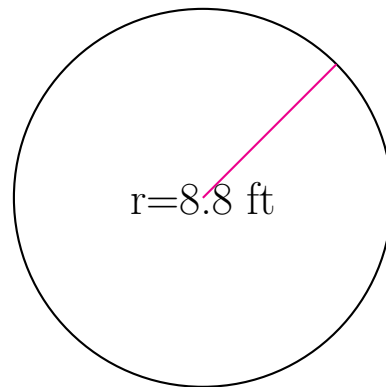
$$\begin{aligned} \text{circumference} &= \underline{62.204 \text{ mm}} \\ \text{area} &= \underline{307.907 \text{ mm}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{54.035 \text{ cm}} \\ \text{area} &= \underline{232.352 \text{ cm}^2} \end{aligned}$$



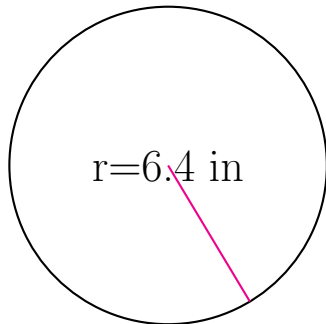
$$\begin{aligned} \text{circumference} &= \underline{46.496 \text{ in}} \\ \text{area} &= \underline{172.034 \text{ in}^2} \end{aligned}$$



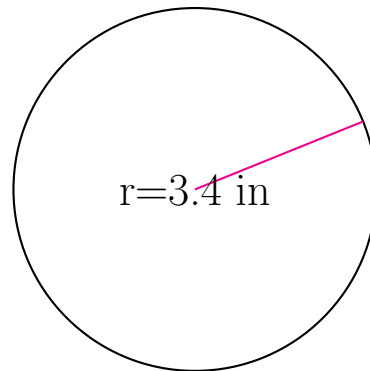
$$\begin{aligned} \text{circumference} &= \underline{55.292 \text{ ft}} \\ \text{area} &= \underline{243.285 \text{ ft}^2} \end{aligned}$$

Area and Circumference of Circles (J)

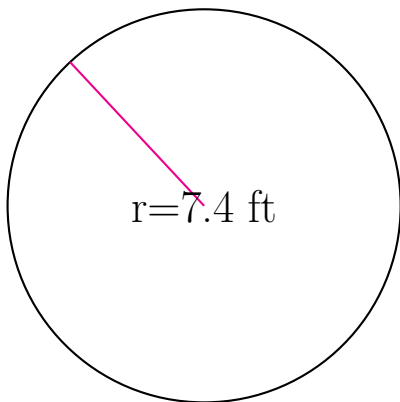
Calculate the area and circumference of each circle.



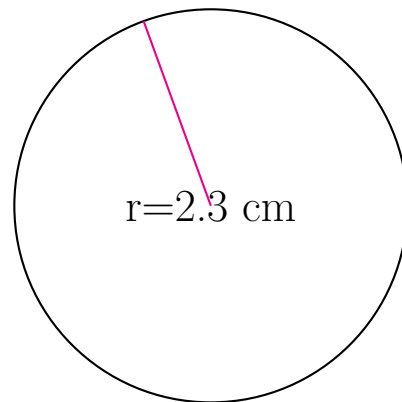
circumference = _____
area = _____



circumference = _____
area = _____



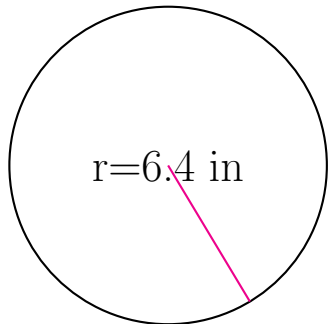
circumference = _____
area = _____



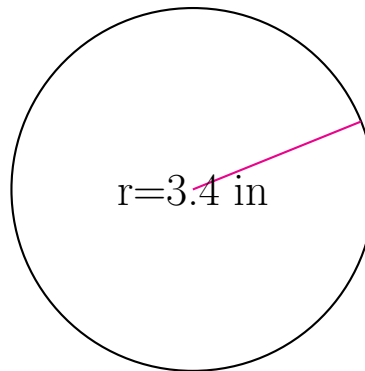
circumference = _____
area = _____

Area and Circumference of Circles (J) Answers

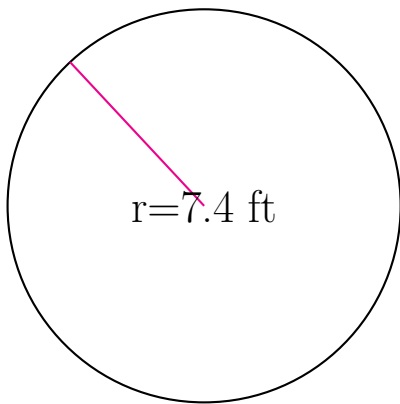
Calculate the area and circumference of each circle.



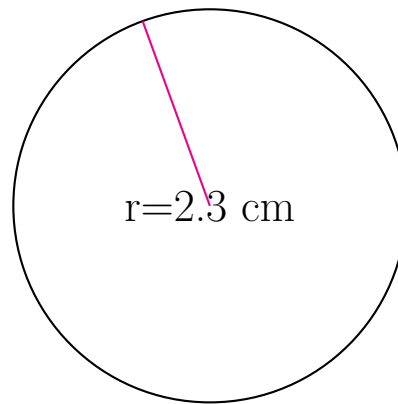
$$\begin{aligned} \text{circumference} &= \underline{40.212 \text{ in}} \\ \text{area} &= \underline{128.68 \text{ in}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{21.363 \text{ in}} \\ \text{area} &= \underline{36.317 \text{ in}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{46.496 \text{ ft}} \\ \text{area} &= \underline{172.034 \text{ ft}^2} \end{aligned}$$



$$\begin{aligned} \text{circumference} &= \underline{14.451 \text{ cm}} \\ \text{area} &= \underline{16.619 \text{ cm}^2} \end{aligned}$$