



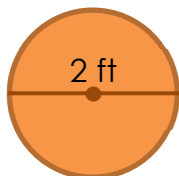
Circles - circumference

Grade 4 Geometry Worksheet

Find each circle's circumference.

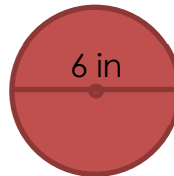
Circumference = diameter $\times \pi$
Circumference = radius $\times 2 \times \pi$
 π is approximately 3.14

1.



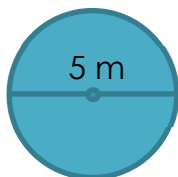
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \times \pi \\ &= \underline{\hspace{2cm}} \text{ ft}\end{aligned}$$

2.



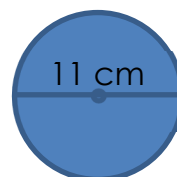
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \times \pi \\ &= \underline{\hspace{2cm}} \text{ in}\end{aligned}$$

3.



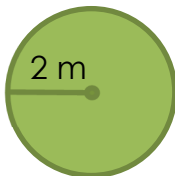
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \times \pi \\ &= \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

4.



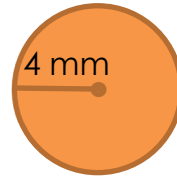
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

5.



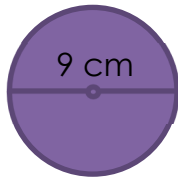
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \pi \\ &= \underline{\hspace{2cm}} \text{ m}\end{aligned}$$

6.



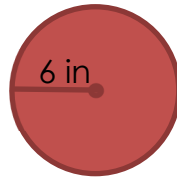
$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ mm}\end{aligned}$$

7.



$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

8.



$$\begin{aligned}\text{Circumference} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ in}\end{aligned}$$



Answers

1. Circumference = $2 \text{ ft} \times \pi$
= 6.28 ft
2. Circumference = $6 \text{ in} \times \pi$
= 18.84 in
3. Circumference = $5 \text{ m} \times \pi$
= 15.7 m
4. Circumference = $11 \text{ cm} \times \pi$
= 34.54 cm
5. Circumference = $2 \text{ m} \times 2 \times \pi$
= 12.56 m
6. Circumference = $4 \text{ mm} \times 2 \times \pi$
= 25.12 mm
7. Circumference = $9 \text{ cm} \times \pi$
= 28.26 cm
8. Circumference = $6 \text{ in} \times 2 \times \pi$
= 37.68 in