

## Circumference of Circles

The **circumference** of a circle is the distance around it, or its perimeter. You can find circumference using either the diameter or the radius of a circle.

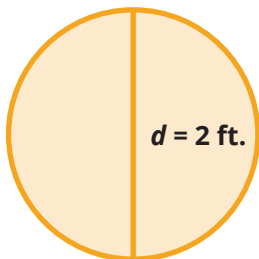
If you have the diameter,  $d$ , of a circle, use this formula to find the circumference:

$$C = \pi d$$

If you have the radius,  $r$ , of a circle, use this formula to find the circumference:

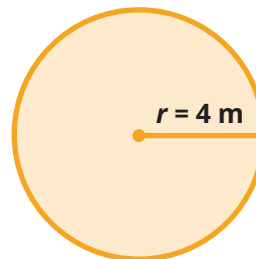
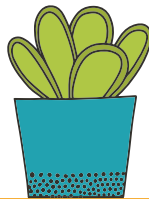
$$C = 2\pi r$$

Try it! Find the circumference of the circles below. Use 3.14 as an approximation for  $\pi$ .



$$C \approx 3.14 \cdot 2$$

$$\approx 6.28 \text{ ft.}$$

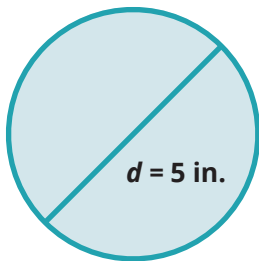


$$C \approx 2 \cdot 3.14 \cdot 4$$

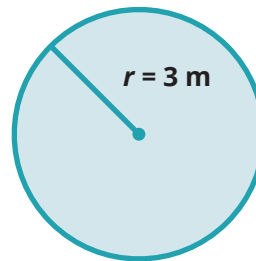
$$\approx 25.12 \text{ m}$$



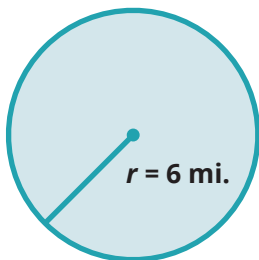
Find the circumference of each circle. Use 3.14 for  $\pi$ .



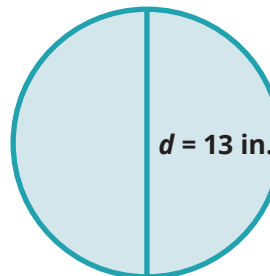
$$C \approx \underline{\hspace{2cm}}$$



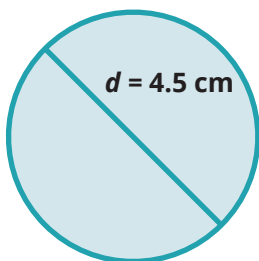
$$C \approx \underline{\hspace{2cm}}$$



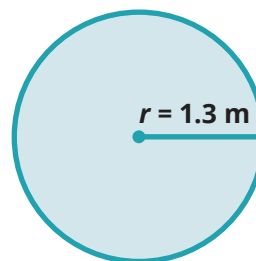
$$C \approx \underline{\hspace{2cm}}$$



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