Name _____ Date Answer Key

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.

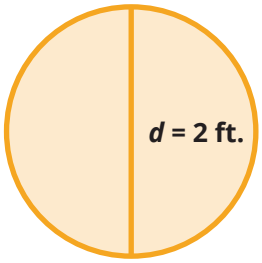
If you have the diameter, *d*, of a circle, use this formula to find the circumference:

$$C = \pi d$$

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

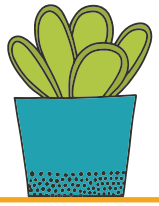
$$C = 2\pi r$$

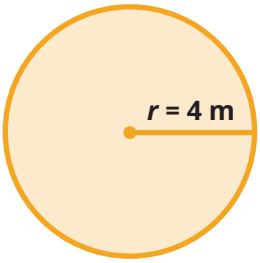
Try it! Find the circumference of the circles below. Use 3.14 as an approximation for π.



$C \approx 3.14 \cdot 2$

≈ 6.28 ft.

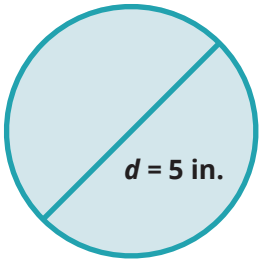




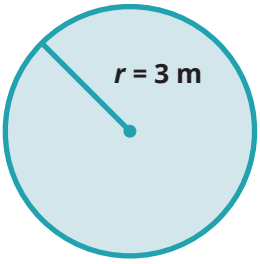
$C \approx 2 \cdot 3.14 \cdot 4$

≈ 25.12 m

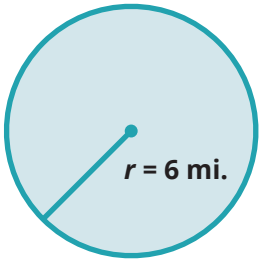
Find the circumference of each circle. Use 3.14 for π.



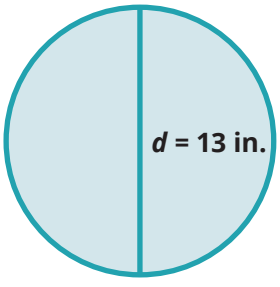
$C \approx$ 15.7 in.



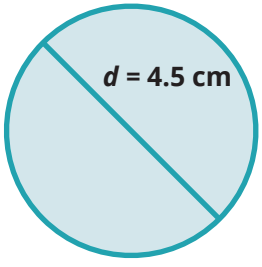
$C \approx$ 18.84 m



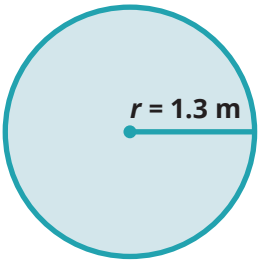
$C \approx$ 37.68 mi.



$C \approx$ 40.82 in.



$C \approx$ 14.13 cm



$C \approx$ 8.164 m

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