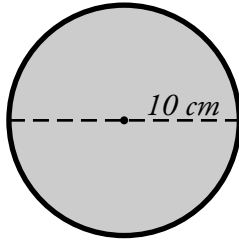


Name: _____

Circumference of a Circle

To find the circumference of a circle, use the formula **pi x diameter = circumference**. This formula is often written as **$C = \pi \times d$** .



The circle pictured here has a diameter of 10 cm.

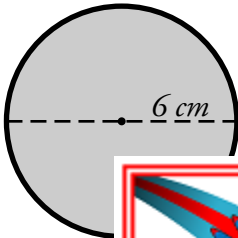
$$d = 10 \text{ cm}$$

$$\pi = 3.14$$

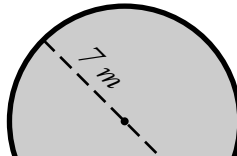
$$10 \text{ cm} \times 3.14 = 31.4 \text{ cm}$$

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

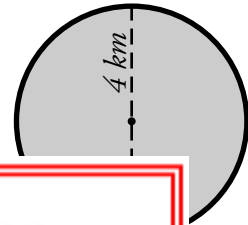
a.



b.



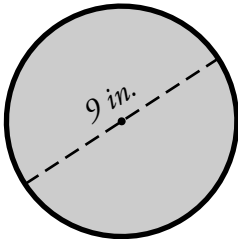
c.



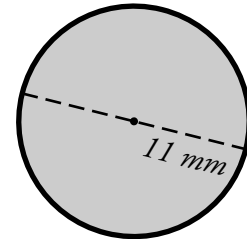
PREVIEW

Please log in or register to download the printable version of this worksheet.

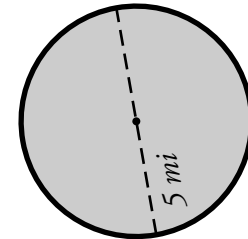
d.



e.



f.

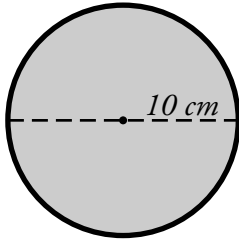


- g. Karla and Jeremy have a circular pool with a diameter of 12 feet. What is the circumference of the pool?

ANSWER KEY

Circumference of a Circle

To find the circumference of a circle, use the formula **pi x diameter = circumference**. This formula is often written as $C = \pi \times d$.



The circle pictured here has a diameter of 10 cm.

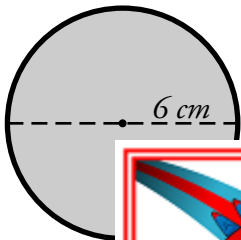
$$d = 10 \text{ cm}$$

$$\pi = 3.14$$

$$10 \text{ cm} \times 3.14 = 31.4 \text{ cm}$$

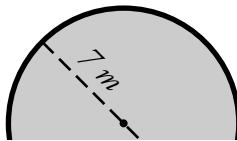
Find the circumference of each circle. Use 3.14 for pi.

a.



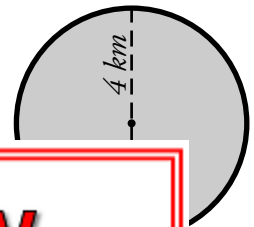
18.84

b.

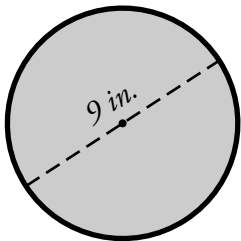


153.86

c.

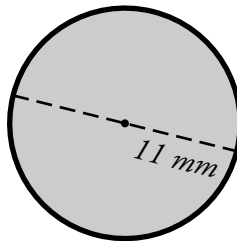


d.



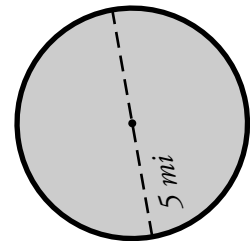
28.26 in.

e.



35.54 mm

f.



15.70 mi

- g. Karla and Jeremy have a circular pool with a diameter of 12 feet. What is the circumference of the pool?

$$\underline{3.14 \times 12 = 37.68 \text{ ft}}$$