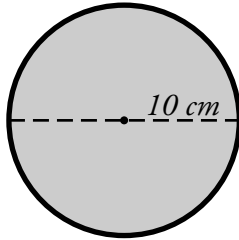Name: _____

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.

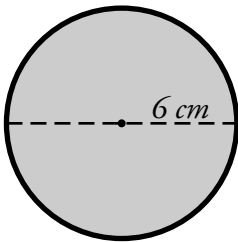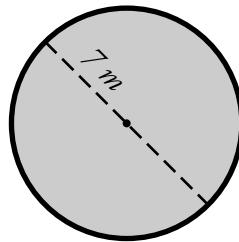d = 10 cm

$\pi \approx 3.14$

10 cm x 3.14 = 31.4 cm

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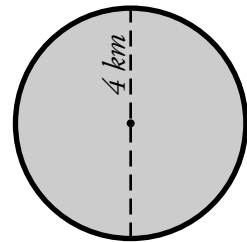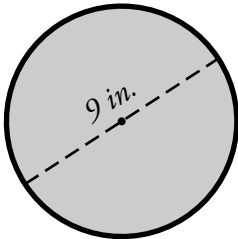
a.

_6 cm_

_____

b.

_7 m_

_____

c.

_4 km_

_____

d.

_9 in._
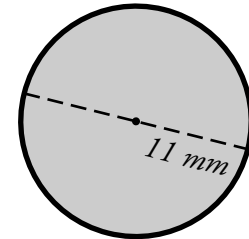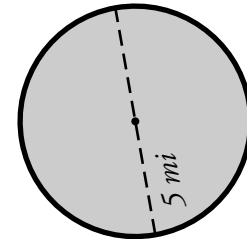
_____

e.
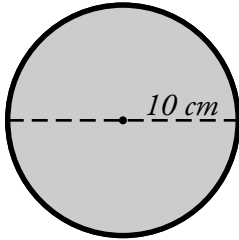
_11 mm_

_____

f.

_5 mi_

_____

g. Karla and Jeremy have a cicular 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 $C = \pi \times d$.

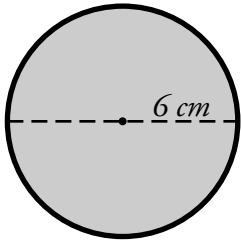The circle pictured here has a diameter of 10 cm.
d = 10 cm
$\pi \approx 3.14$
10 cm x 3.14 = 31.4 cm

10 cm

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

a.

6 cm

18.84 cm

b.

7 m

21.98 m

c.

4 km

12.56 km

d.

9 in.

28.26 in.

e.

11 mm

34.54 mm

f.

5 mi
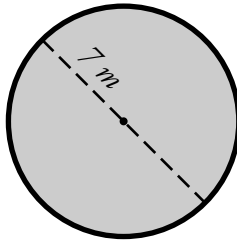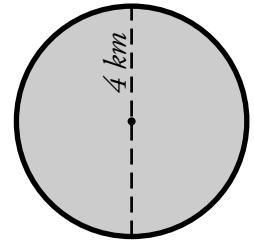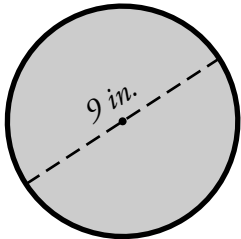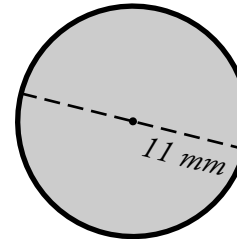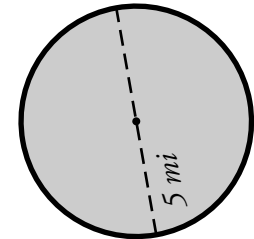
15.70 mi

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

3.14 x 12 = 37.68 ft