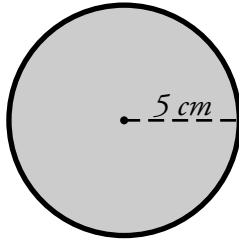Name: _____

Circumference of a Circle

To find the circumference of a circle, use the formula **2 x pi x radius = circumference**. This formula is often written as **$C = 2 \times \pi \times r$**.

The circle pictured here has a radius of 5 cm.
r = 5 cm
$\pi \approx 3.14$
2 x 3.14 x 5 cm = 31.4 cm

5 cm

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

a.

b.

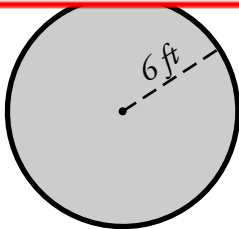**c.**

~PREVIEW~

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

d.
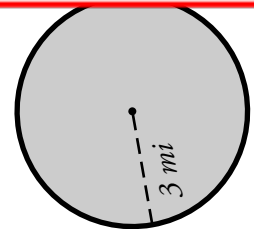
6 ft

e.

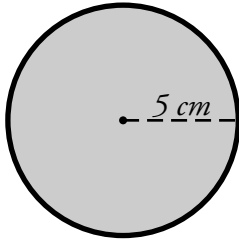*12 mm*

f.

3 mi

_____ _____ _____
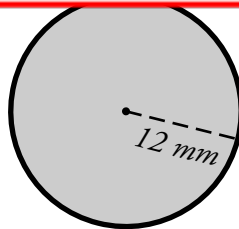
g. Mr. Tobias is buying new tires for his bike. He wants to make sure the new tires will fit on his bike but the only measurement he has is the radius of 13 inches. What is the circumference of the new tires?

_____

Circumference of a Circle

To find the circumference of a circle, use the formula **2 x pi x radius = circumference**. This formula is often written as **C = 2 x π x r**.

The circle pictured here has a radius of 5 cm.

r = 5 cm

π ≈ 3.14

2 x 3.14 x 5 cm = 31.4 cm

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