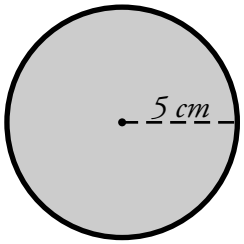
Name: _____

Area of a Circle

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

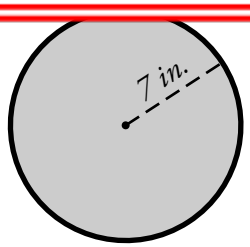


The circle pictured here has a radius of 5 cm.
r = 5 cm
$\pi \approx 3.14$
A = 3.14 x (5 cm x 5 cm)
A = 3.14 x 25 cm^2
A = 78.50 cm^2

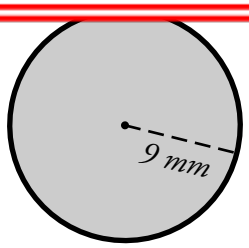
Find the area of each circle. Use 3.14 for pi.

a. **b.** **c.**

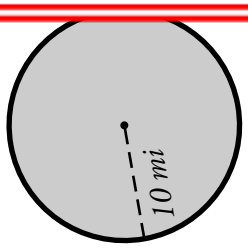
d.



e.



f.



_____ _____ _____

g. Kaylee and Rory have a circular swimming pool. The pool has a cover that fits snuggly over the top of it. If the radius of the pool is 11 ft, what is the surface area of the cover?

_____

ANSWER KEY

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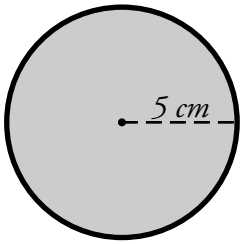

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