Circumference and Area of Circles

Name _____

Date _____ Period _____

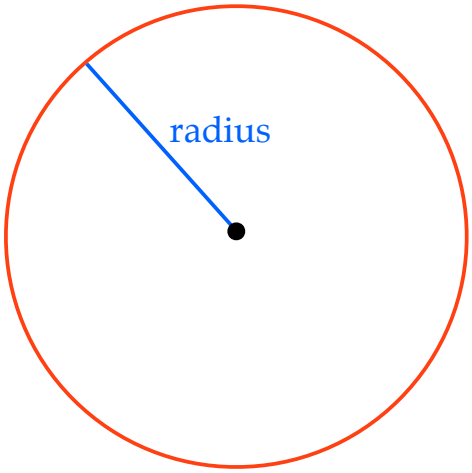
Circumference of a Circle

the linear distance around the outside of the circle.

$C = 2 \cdot \pi \cdot r$

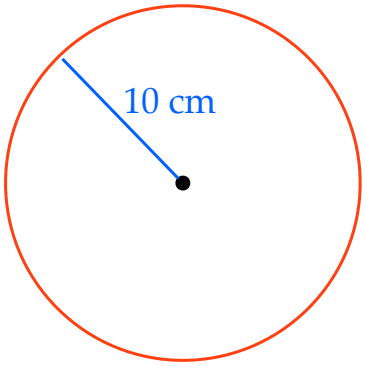
$\pi \approx 3.14$

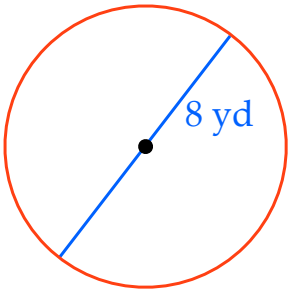
r = radius of circle



Find the Circumference of the following Circles.

$C = 2 \cdot \pi \cdot r$

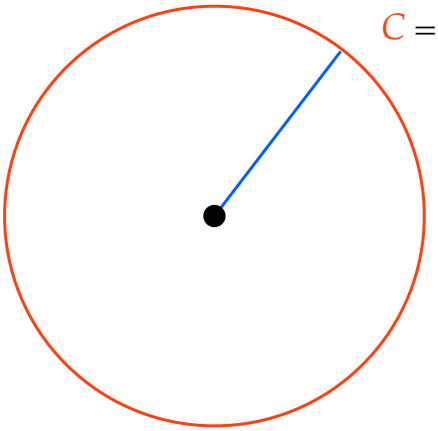




Find the diameter of the following Circle.

$C = 2 \cdot \pi \cdot r$

$C = 42\pi$ yd



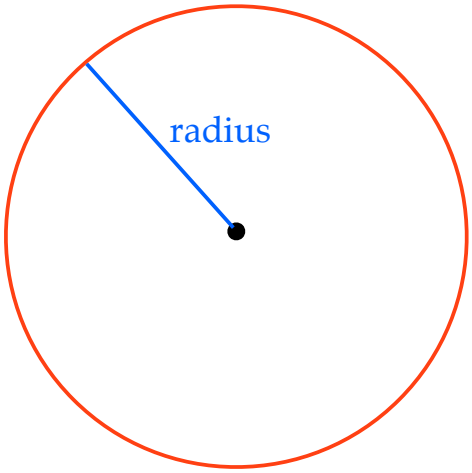
Area of a Circle

the area inclosed inside the circle.

$A = \pi \cdot r^2$

$\pi \approx 3.14$

r = radius of circle



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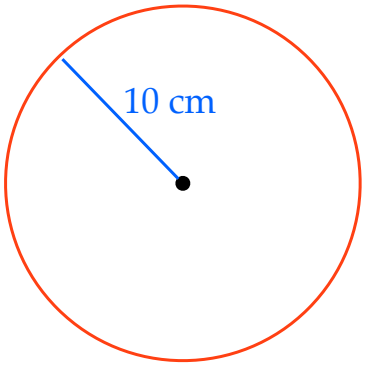
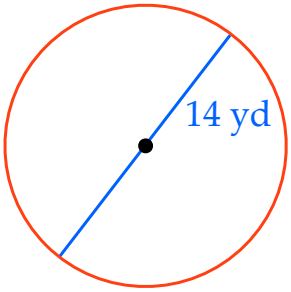
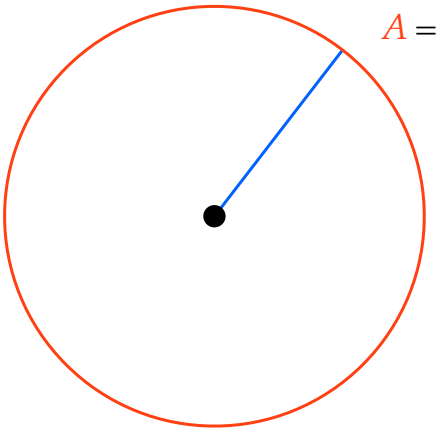




Find the diameter of the following Circle.

$A = \pi \cdot r^2$

$A = 81\pi \text{ yd}^2$



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