

## Finding the Arc Length of a Circle

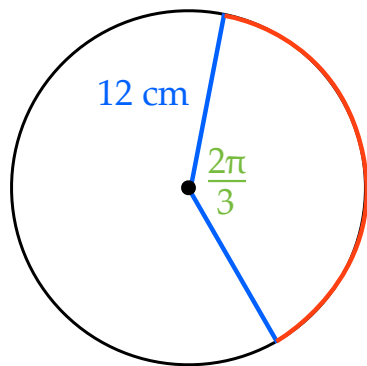
Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

The Arc Length of a Circle

$$s = r \cdot \theta$$

$s$  = arc length     $r$  = radius of circle     $\theta$  = measure of central angle  
in radians

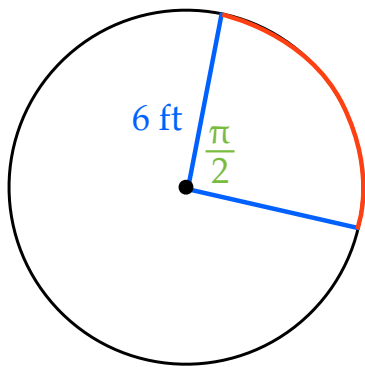


$$r = 12 \text{ cm}$$

$$\theta = \frac{2\pi}{3}$$

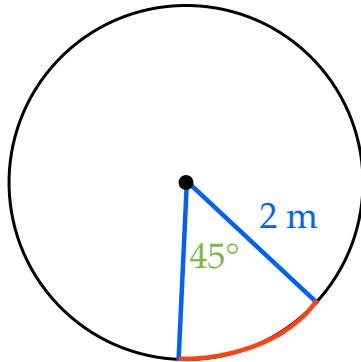
Find the missing value of the following circles

$$s = r \cdot \theta$$



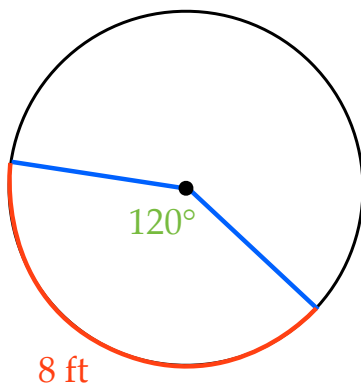
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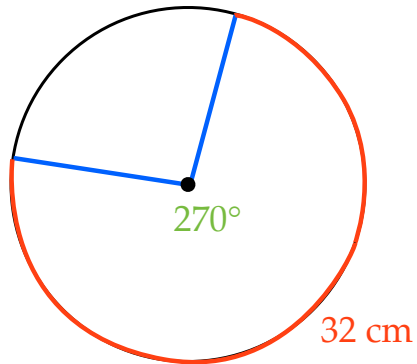
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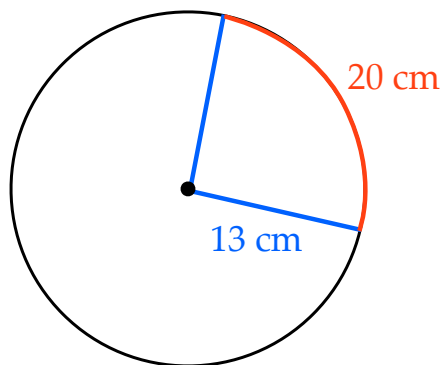
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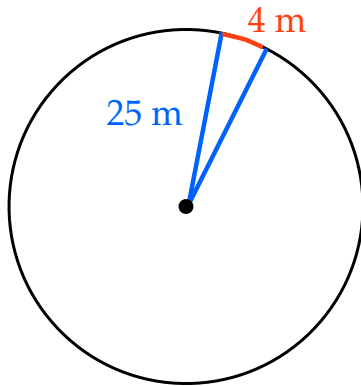
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