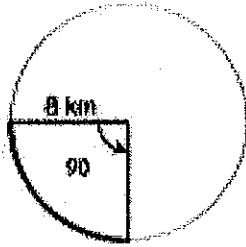


# ARC LENGTH

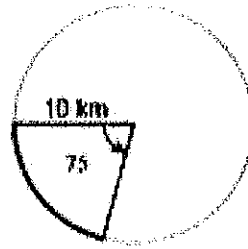
# Act. # 26

Find the length of each arc. Round your answers to the nearest tenth.

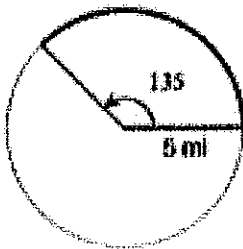
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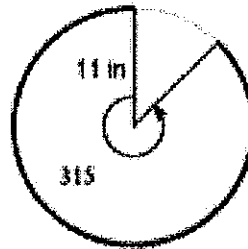
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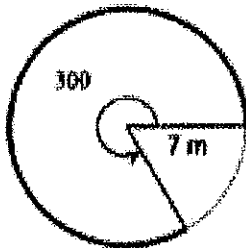
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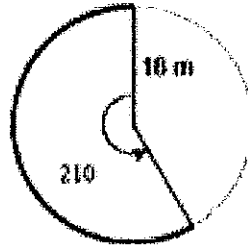
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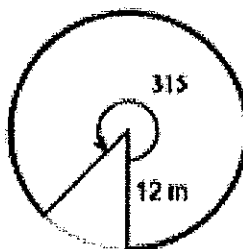
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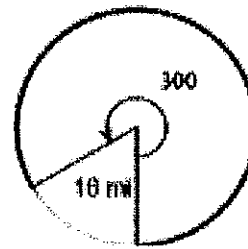
6)



7)

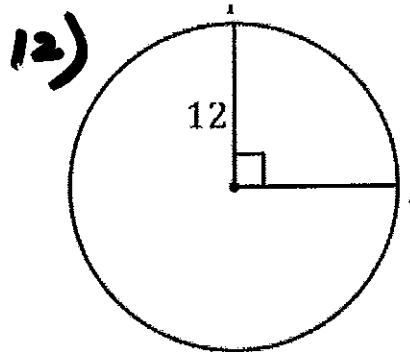
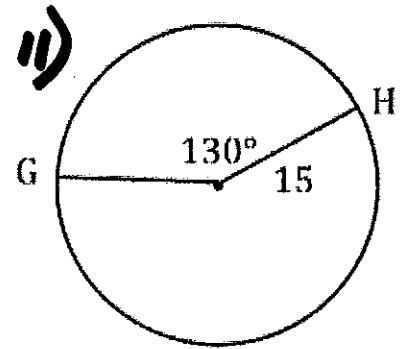
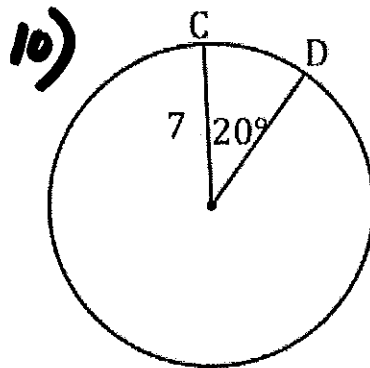
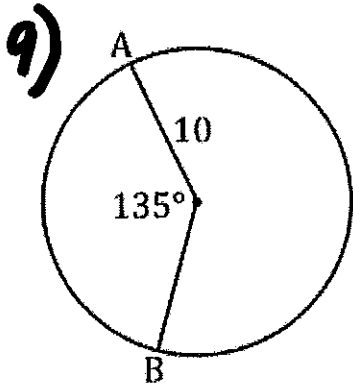


8)



## Arc Length Practice Problems

Find the arc length for each circle.



13) Deanna's mom makes her a cake for her birthday that is 12 inches in diameter. Deanna and her friends eat  $\frac{2}{3}$  of the cake. The cake had a strip of icing along the edge. How long was the section of icing they ate?

14) Josephine and her friend are riding on a Ferris wheel that has a radius of 80 feet. If they have traveled along  $\frac{5}{8}$  of the ride, how far have they gone?

15) A windmill has a diameter of 20 meters. When the windmill has traveled  $\frac{1}{2}$  way around, how far has one blade traveled?