

# Arcs & Sectors

Use the formulas  $\text{Arc} = \frac{\alpha}{360} \times \pi D$        $\text{Area} = \frac{\alpha}{360} \times \pi r^2$

Calculate the area of the sectors **AND** the arc length in the following diagrams.

Write your answer in the boxes provided correct to 1 decimal place.



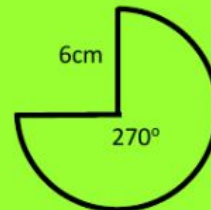
Area of sector =       $\text{cm}^2$

Arc length =       $\text{cm}$



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Arc length =       $\text{cm}$



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Arc length =       $\text{cm}$



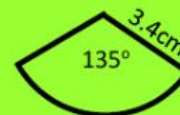
Area of sector =       $\text{cm}^2$

Arc length =       $\text{cm}$



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