

Arcs & Sectors

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

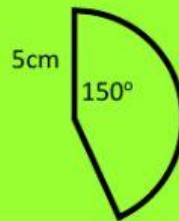
Calculate the area of the sectors **AND** the arc length in the following diagrams.

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



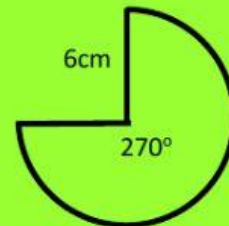
Area of sector = cm^2

Arc length = cm



Area of sector = cm^2

Arc length = cm



Area of sector = cm^2

Arc length = cm



Area of sector = cm^2

Arc length = cm



Area of sector = cm^2

Arc length = cm



Area of sector = cm^2

Arc length = cm