14 A, B and C are points on a circle, centre O

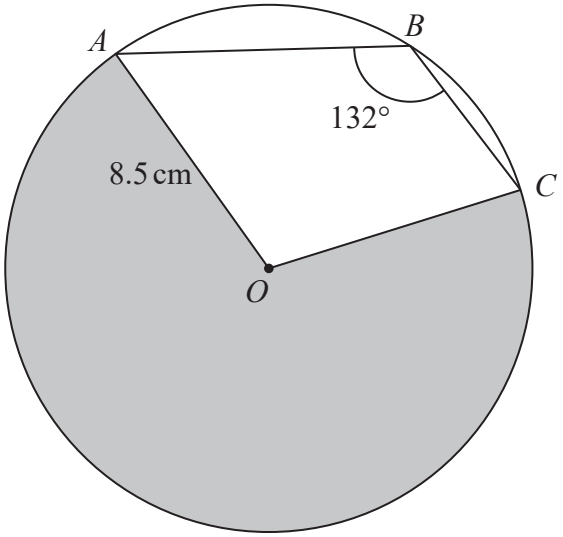


Diagram **NOT** accurately drawn

The radius of the circle is 8.5 cm
Angle $ABC = 132°$

Work out the perimeter of the shaded sector AOC
Give your answer correct to 3 significant figures.

..... cm

(Total for Question 14 is 3 marks)

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