

8

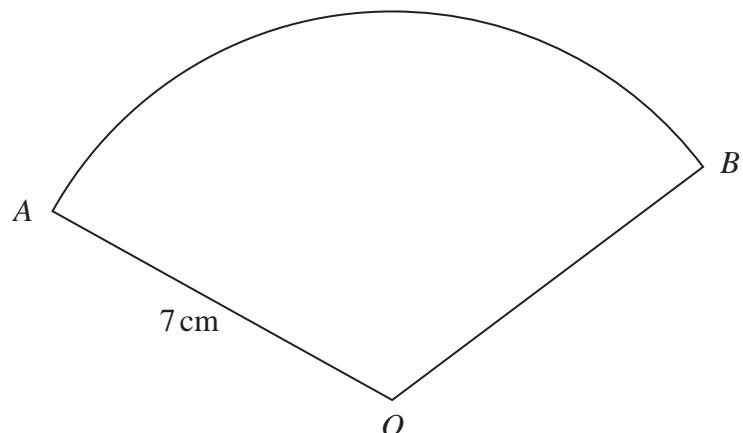


Diagram NOT
accurately drawn

The diagram shows a sector OAB of a circle centre O and radius 7 cm.

Given that the area of the sector OAB is 52 cm^2

calculate the size, to the nearest degree, of $\angle AOB$.

DO NOT WRITE IN THIS AREA

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(Total for Question 8 is 2 marks)

