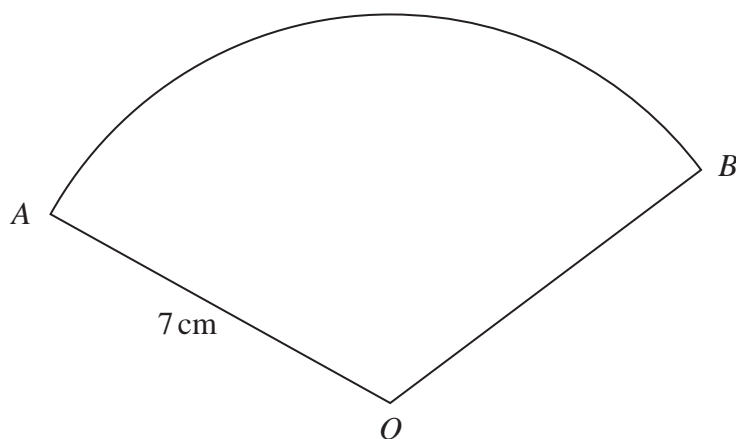


8

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 $\angle AOB$.

(Total for Question 8 is 2 marks)

