

11

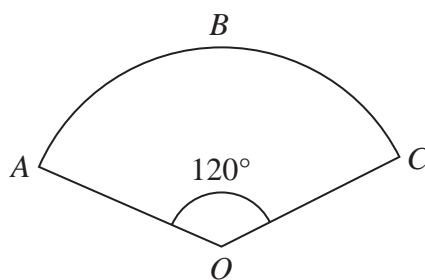


Diagram **NOT**
accurately drawn

ABC is an arc of a circle centre O

Angle AOC is 120°

Sector $OABC$ has an area of $48\pi\text{cm}^2$

Find, in terms of π , the length of the perimeter of $OABC$

..... cm

(Total for Question 11 is 3 marks)

12 Solve $\frac{x+2}{6} + \frac{x-3}{4} = 5$

Show clear algebraic working.

$x =$

(Total for Question 12 is 3 marks)

