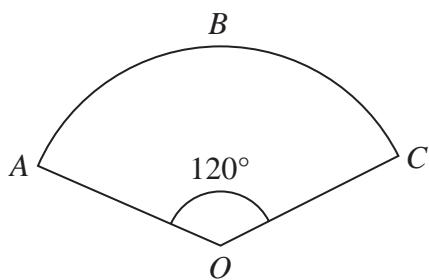


DO NOT WRITE IN THIS AREA

11Diagram **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)**

P 7 2 9 1 7 A 0 7 2 4