## Answer all ELEVEN questions.

Write your answers in the spaces provided.

You must write down all stages in your working.		
1	A circle has centre $O$ and radius 12 cm. The sector $AOB$ of the circle has area 126 cm <sup>2</sup> . Find the length of the arc $AB$ .	
		(4)
	(Total for Operior 1 is 4 ma	rlsa)
_	(Total for Question 1 is 4 ma	1 1/2)