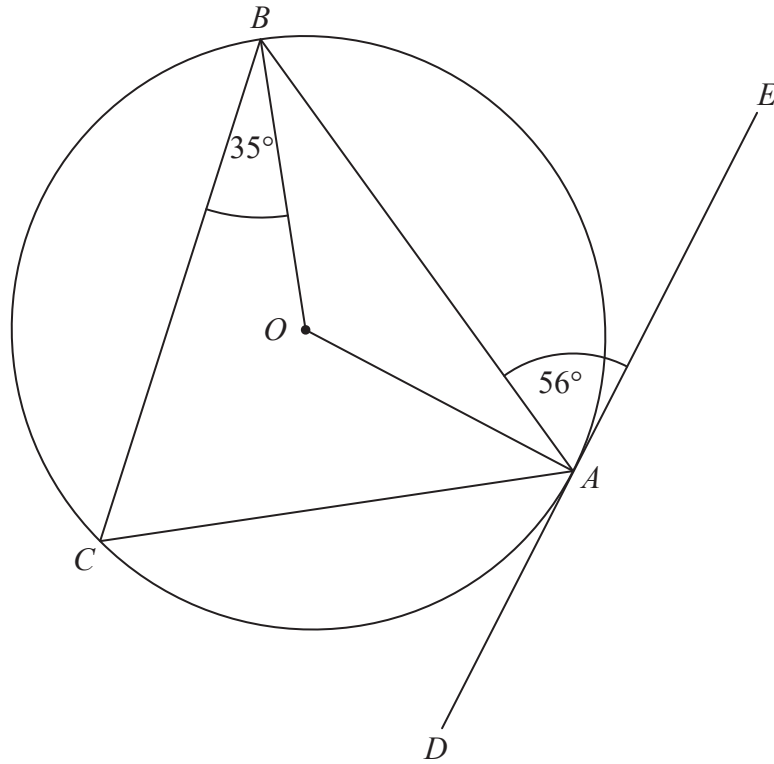


12



$A$ ,  $B$  and  $C$  are points on the circumference of a circle, centre  $O$ .  
 $DAE$  is the tangent to the circle at  $A$ .

Angle  $BAE = 56^\circ$   
 Angle  $CBO = 35^\circ$

Work out the size of angle  $CAO$ .  
 You must show all your working.



(Total for Question 12 is 3 marks)

