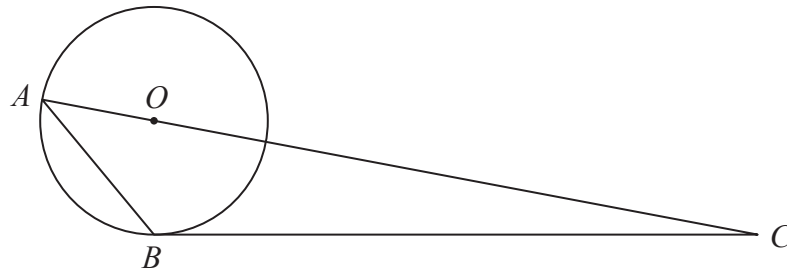


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11



$A$  and  $B$  are points on a circle, centre  $O$ .

$BC$  is a tangent to the circle.

$AOC$  is a straight line.

Angle  $ABO = x^\circ$ .

Find the size of angle  $ACB$ , in terms of  $x$ .

Give your answer in its simplest form.

Give reasons for each stage of your working.

(Total for Question 11 is 5 marks)



P 4 8 8 6 1 A 0 1 3 2 0