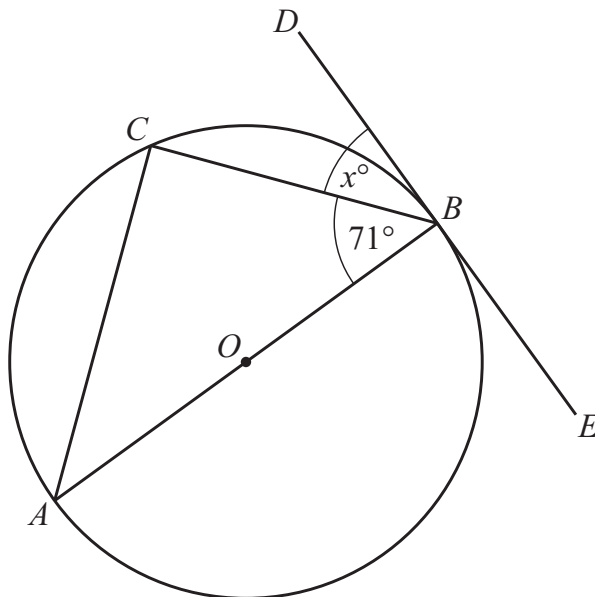


20 (a) Work out the size of one interior angle of a regular 8-sided polygon.

..... [2]

(b)



NOT TO  
SCALE

$A$ ,  $B$  and  $C$  lie on the circumference of the circle, centre  $O$ .  
 $AB$  is a diameter.  
 $DBE$  is a tangent to the circle at  $B$ .

Find the value of  $x$ .  
 Give a geometrical reason for your answer.

..... because .....

..... [2]