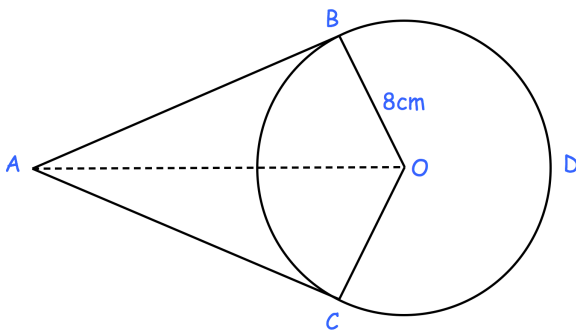


**17th August**

Corbettmaths

Expand

$$(3 + \sqrt{2})(1 - \sqrt{2})$$



Work out the length of arc BDC

B, C and D are points on a circle of radius 8cm.  
 AB and AC are tangents to the circle.  
 AO = 11cm

Work out the area of sector BOC

The area of the rectangle is greater than  $10\text{cm}^2$

$$(2x - 1) \text{ cm}$$



$$(x + 2)$$

Work out the range of possible values of x