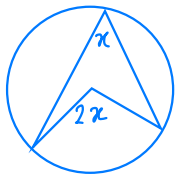


Circle Theorems (A)

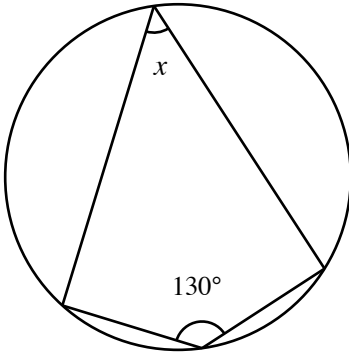


Angle in the centre is double the angle at the circumference.

Find the value of x .

Opposite angles of a cyclic quadrilateral add up to 180° .

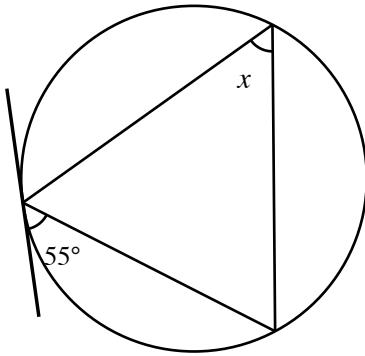
$$\begin{aligned} x &= 180 - 130 \\ &= 50^\circ \end{aligned}$$



Find the value of x .

Alternate Segment Theorem

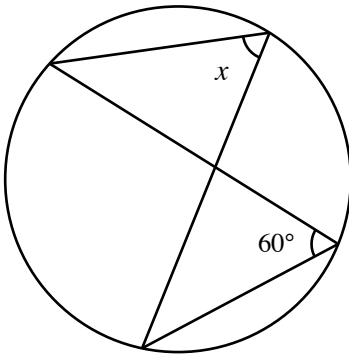
$$x = 55^\circ$$



Find the value of x .

Angles in the same segment are equal.

$$x = 60^\circ$$



Find the value of x .

Angle in a semi-circle is 90° .

$$x = 90^\circ$$

