Circle theorems: angle in a semicircle *lesson handout*

Reasons

The angle at the centre is twice the angle at the circumference.

The angle in a semicircle is 90°.

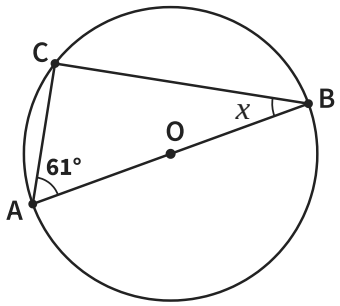
Angles in the same segment are equal.

Angles in a triangle add up to 180°.

Base angles of an isosceles triangle are equal.

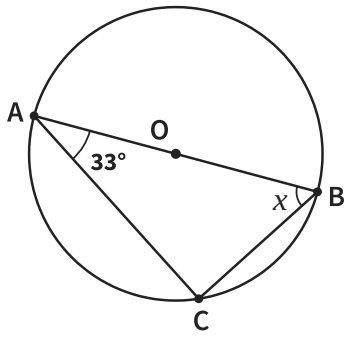
We do

AB is a diameter. Find x.



You do

AB is a diameter. Find x.



You do

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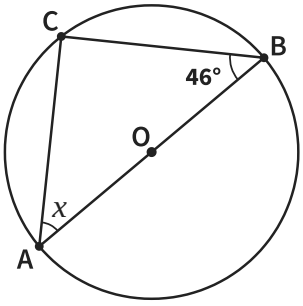

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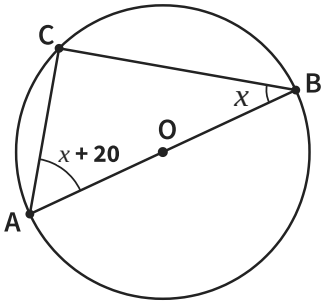

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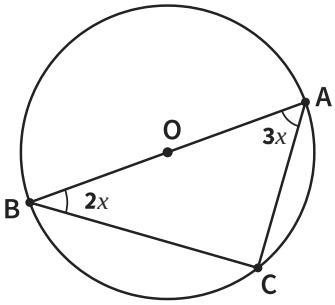

You do

AB is a diameter. Find x.

