Circle theorems: cyclic quadrilaterals *lesson handout*

Reasons

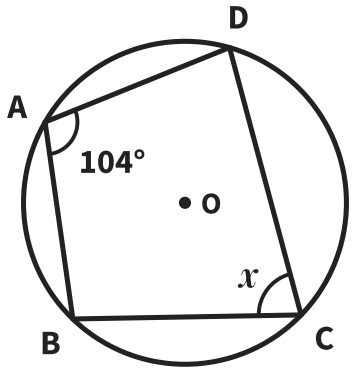
Opposite angles in a cyclic quadrilateral add up to 180°.

Angles in a quadrilateral add up to 360°.

Angles on a straight line add up to 180°.

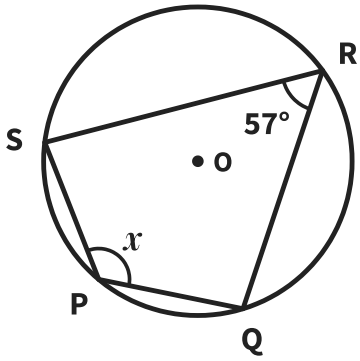
We do

ABCD is a cyclic quadrilateral. Find x.



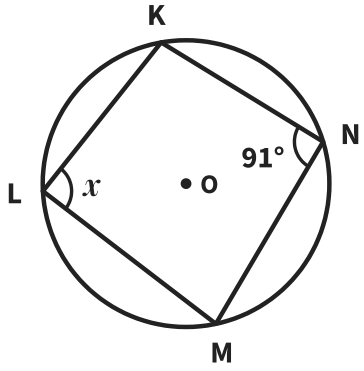
You do

PQRS is a cyclic quadrilateral. Find x.



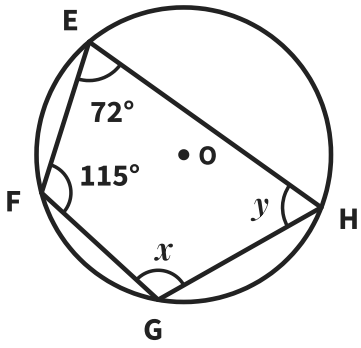
You do

KLMN is a cyclic quadrilateral. Find x.



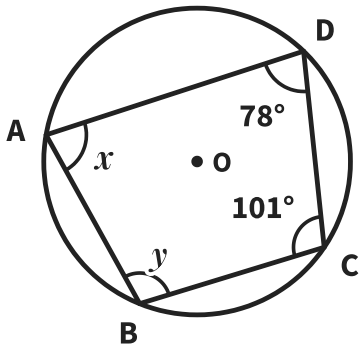
We do

EFGH is a cyclic quadrilateral. Find x and y.



You do

ABCD is a cyclic quadrilateral. Find x and y.



You do

PQRS is a cyclic quadrilateral. Find x.

