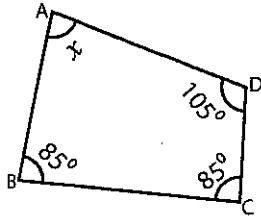


Example:



**Sum of the interior angles =  $360^\circ$**

$$\text{Sum of the interior angles} = 85^\circ + 105^\circ + x + 85^\circ$$

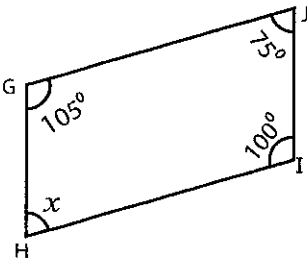
$$360^\circ = 275^\circ + x$$

$$x = 360^\circ - 275^\circ$$

$$x = 85^\circ$$

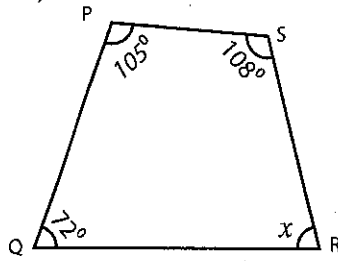
Find the unknown angle in each quadrilateral.

1)



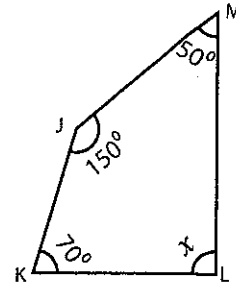
$x =$

2)



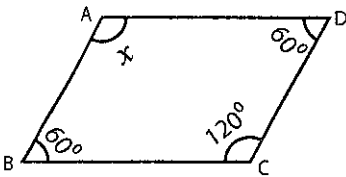
$x =$

3)



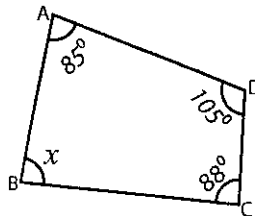
$x =$

4)



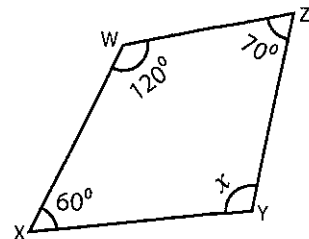
$x =$

5)



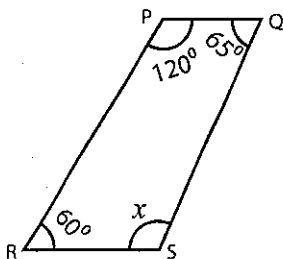
$x =$

6)



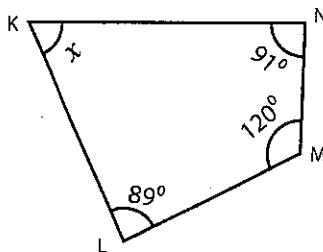
$x =$

7)



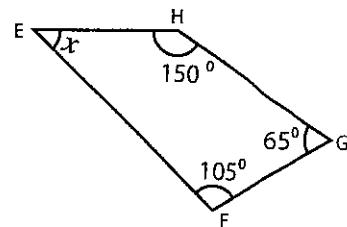
$x =$

8)



$x =$

9)



$x =$