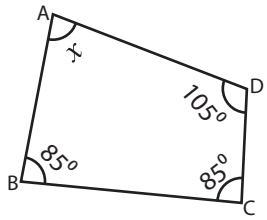
Name : _____ Score : _____

# Angles in Quadrilateral

Example:




**Sum of the interior angles = $360^0$**

Sum of the interior angles = $85^0 + 105^0 + x + 85^0$

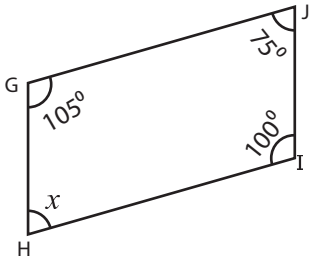
$360^0 = 275^0 + x$

$x = 360^0 - 275^0$

$x = \mathbf{85^0}$

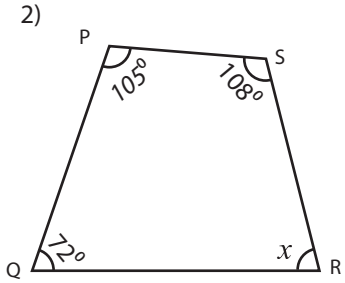
Find the unknown angle in each quadrilateral.

1)



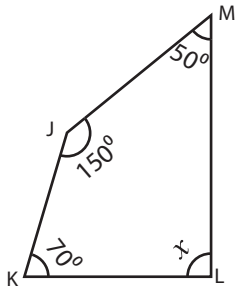

$x =$ _____

2)



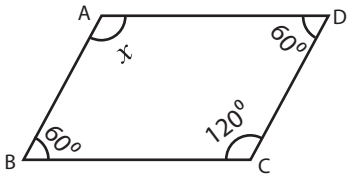

$x =$ _____

3)



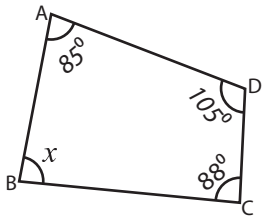

$x =$ _____

4)



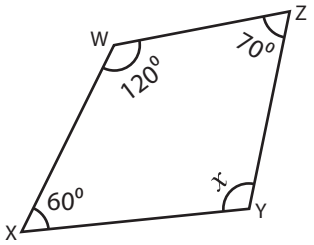

$x =$ _____

5)



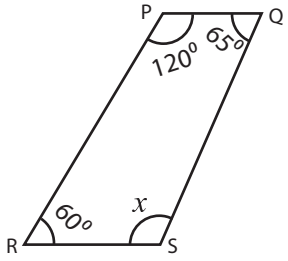

$x =$ _____

6)



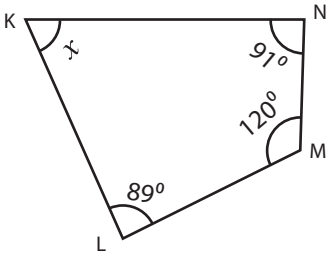

$x =$ _____

7)



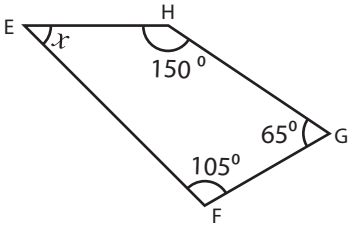

$x =$ _____

8)




$x =$ _____

9)

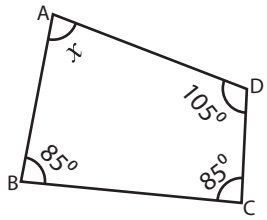



$x =$ _____

Name : _____ Score : _____

# Answer Key

Example:




**Sum of the interior angles = 360°**

Sum of the interior angles = $85^0 + 105^0 + x + 85^0$

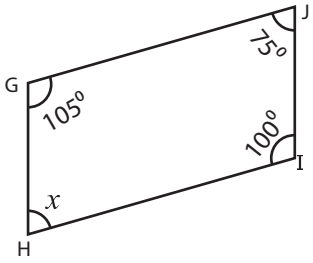
$360^0 = 275^0 + x$

$x = 360^0 - 275^0$

$x = \mathbf{85^0}$

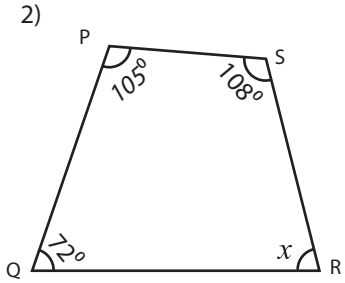
Find the unknown angle in each quadrilateral.

1)



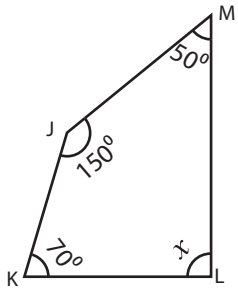

$x =$ **$80^0$**

2)



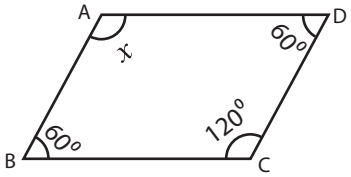

$x =$ **$75^0$**

3)



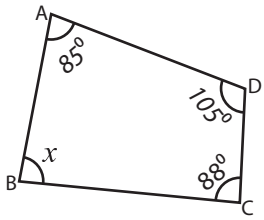

$x =$ **$90^0$**

4)



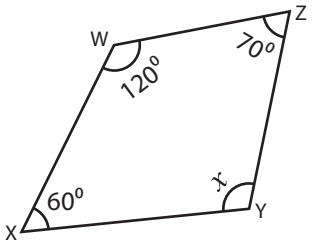

$x =$ **$120^0$**

5)



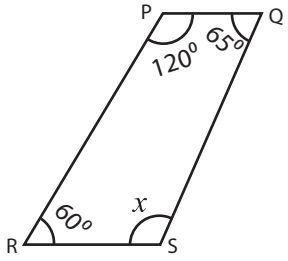

$x =$ **$82^0$**

6)



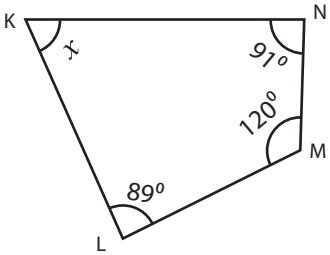

$x =$ **$110^0$**

7)



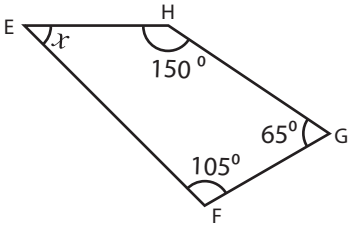

$x =$ **$115^0$**

8)




$x =$ **$60^0$**

9)




$x =$ **$40^0$**