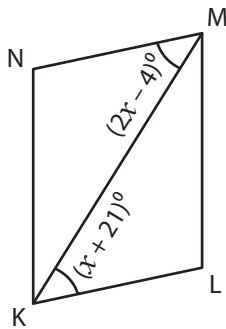


Parallelogram - Angles

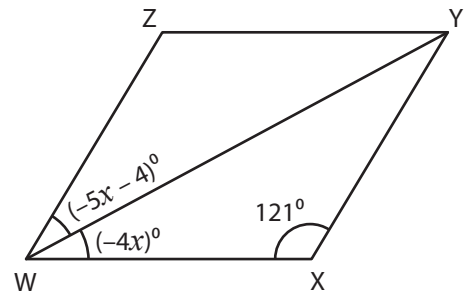
A) Find the value of x and then find the measure of the indicated angle in each parallelogram.

1)



$x =$ _____

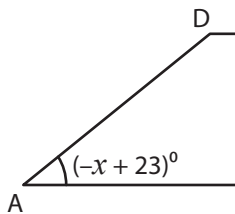
2)



$x =$ _____

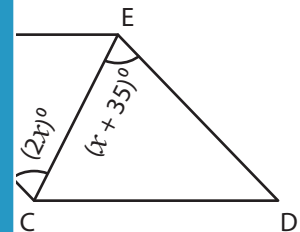
$m\angle MKL =$ _____

3)



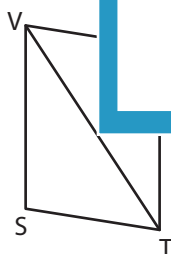
$x =$ _____

$m\angle D =$ _____



B) Find the value of x and then find the measure of the indicated angle in each parallelogram.

5)



$m\angle STV = (9x - 23)^\circ$; $m\angle VTU = (8 + 3x)^\circ$; $m\angle SVU = 81^\circ$

$x =$ _____

$m\angle TVU =$ _____

$m\angle SVT =$ _____



$m\angle PSR = (8x + 19)^\circ$; $m\angle QRS = (4x + 17)^\circ$

$x =$ _____

$m\angle P =$ _____

$m\angle S =$ _____

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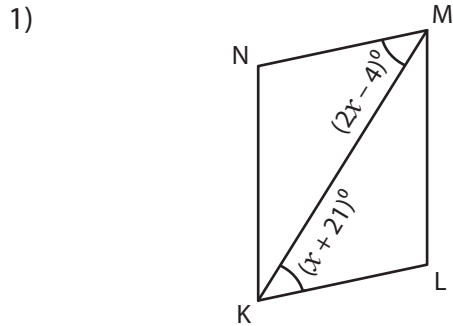
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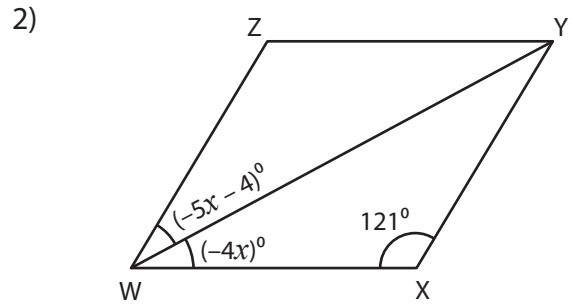
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Parallelogram - Angles

A) Find the value of x and then find the measure of the indicated angle in each parallelogram.



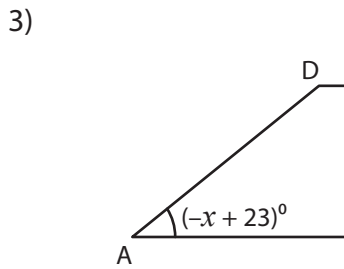
$x =$ 25



$x =$ -7

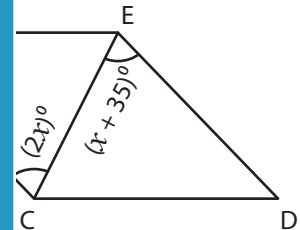
$m\angle MKL =$ 31°

31°



$x =$ 1

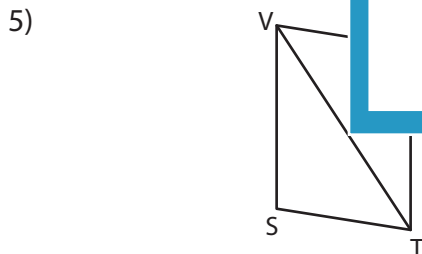
$m\angle D =$ 115°



35

70°

B) Find the value of x and then find the measure of the indicated angle in each parallelogram.



$m\angle STV = (9x - 23)^\circ$; $m\angle VTU = (8 + 3x)^\circ$; $m\angle SVU = 81^\circ$

$x =$ 8

$m\angle TVU =$ 49°

$m\angle SVT =$ 32°



$m\angle PSR = (8x + 19)^\circ$; $m\angle QRS = (4x + 17)^\circ$

$x =$ 12

$m\angle P =$ 65°

$m\angle S =$ 115°

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