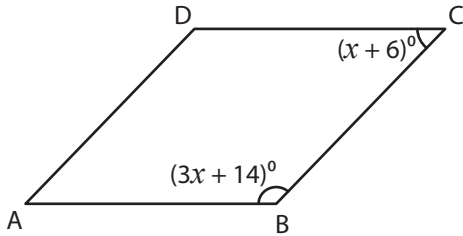


Name : \_\_\_\_\_

# Parallelogram - Angles

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

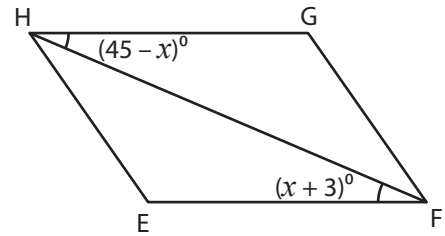
1)



$x =$  \_\_\_\_\_

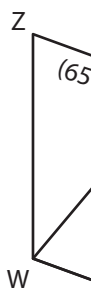
$m\angle A =$  \_\_\_\_\_

2)



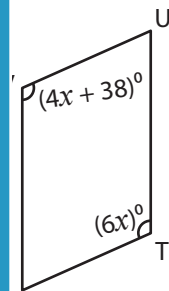
$x =$  \_\_\_\_\_

3)



$x =$  \_\_\_\_\_

$m\angle YWX =$  \_\_\_\_\_

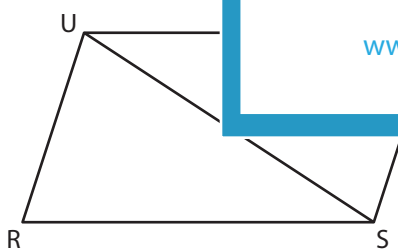


$x =$  \_\_\_\_\_

$m\angle$  \_\_\_\_\_

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

5)

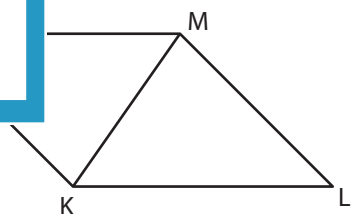


$m\angle RUS = (8x + 11)^\circ$ ;  $m\angle UST = (19 + 7x)^\circ$ ;  $m\angle URS = 72^\circ$

$x =$  \_\_\_\_\_

$m\angle UST =$  \_\_\_\_\_

$m\angle SUT =$  \_\_\_\_\_



$m\angle NKL = (6x - 15)^\circ$ ;  $m\angle NMK = (2x + 5)^\circ$ ;  $m\angle KML = 80^\circ$

$x =$  \_\_\_\_\_

$m\angle MKL =$  \_\_\_\_\_

$m\angle NML =$  \_\_\_\_\_

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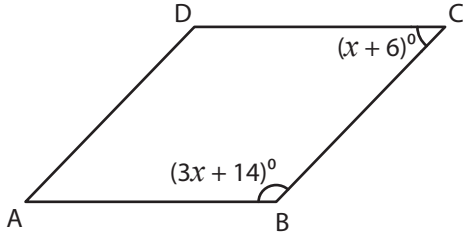
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**Parallelogram - Angles**

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

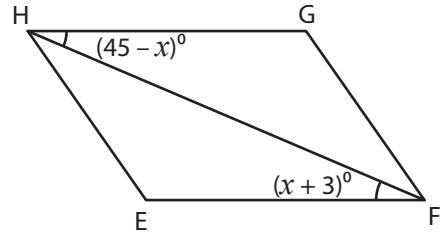
1)



$x =$  40

$m\angle A =$  24

2)



$x =$  21

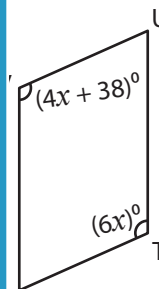
$m\angle G =$  24

3)



$x =$  \_\_\_\_\_

$m\angle YWX =$  \_\_\_\_\_

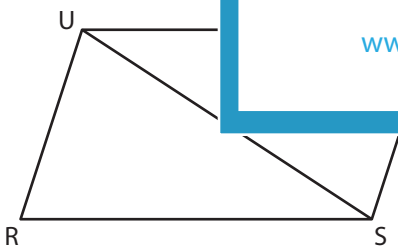


$x =$  19

$m\angle Y =$  66

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

5)

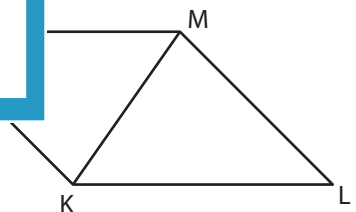


$m\angle RUS = (8x + 11)^\circ$ ;  $m\angle UST = (19 + 7x)^\circ$ ;  $m\angle URS = 72^\circ$

$x =$  8

$m\angle UST =$  75

$m\angle SUT =$  33



$m\angle NKL = (6x - 15)^\circ$ ;  $m\angle NMK = (2x + 5)^\circ$ ;  $m\angle KML = 80^\circ$

$x =$  25

$m\angle MKL =$  55

$m\angle NML =$  135

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