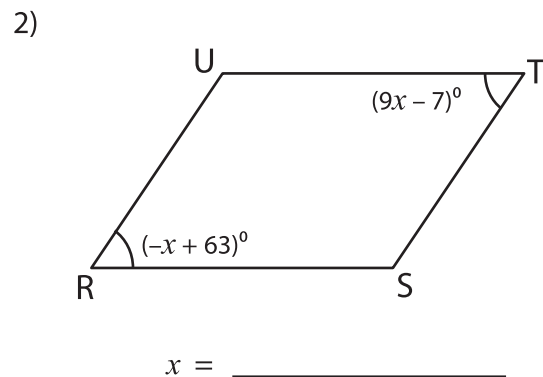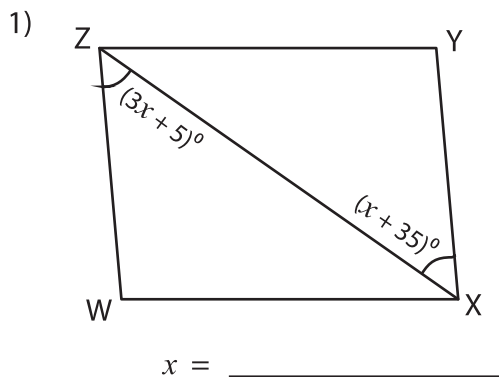Name : _____

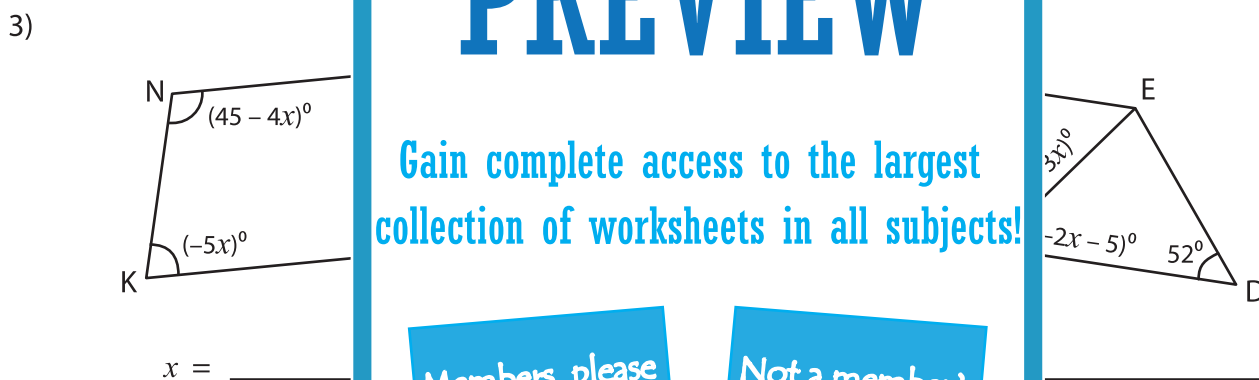## Parallelogram - Angles

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

1)

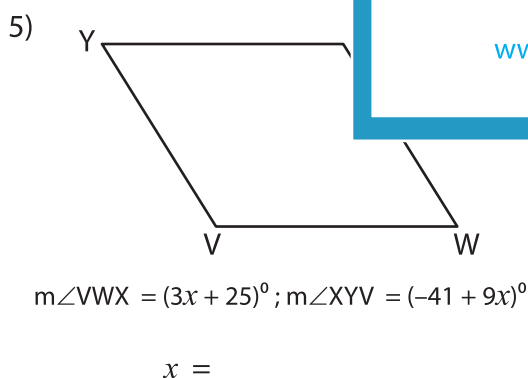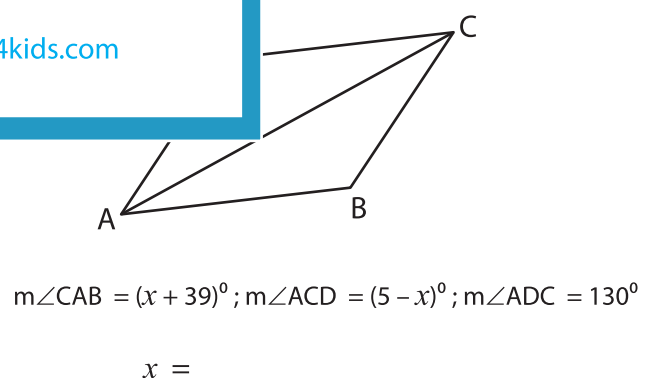Z, Y, W, X with $(3x + 5)^0$ and $(x + 35)^0$

$x =$ _____

m∠YXZ = _____

2)

U, T, R, S with $(9x - 7)^0$ and $(-x + 63)^0$

$x =$ _____

_____

3)

N, K with $(45 - 4x)^0$ and $(-5x)^0$

E, D with $3x)^0$, $-2x - 5)^0$ and 52^0

$x =$ _____

m∠L = _____

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B) Find the value of x a... ach parallelogram.

5)

Y, V, W

$m∠VWX = (3x + 25)^0 ; m∠XYV = (-41 + 9x)^0$

$x =$ _____

m∠X = _____

m∠Y = _____

C, A, B

$m∠CAB = (x + 39)^0 ; m∠ACD = (5 - x)^0 ; m∠ADC = 130^0$

$x =$ _____

m∠CAB = _____

m∠ACB = _____

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