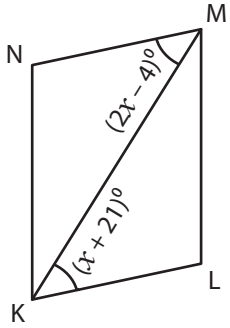
Name : _____

Parallelogram - Angles

Sheet 3

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

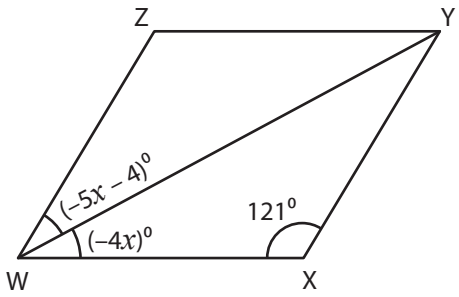
1)



x = _____

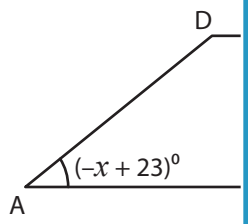
m∠MKL = _____

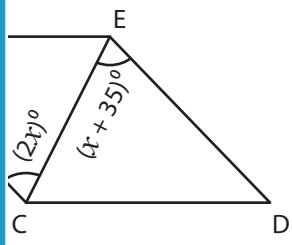
2)



x = _____

3)



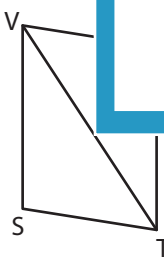


x = _____

m∠D = _____

B) Find the value of x a… …each parallelogram.

5)

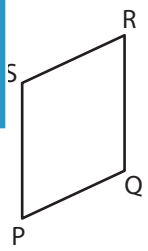


m∠STV = $(9x - 23)^0$; m∠VTU = $(8 + 3x)^0$; m∠SVU = 81^0

x = _____

m∠TVU = _____

m∠SVT = _____



m∠PSR = $(8x + 19)^0$; m∠QRS = $(4x + 17)^0$

x = _____

m∠P = _____

m∠S = _____

Name : _____

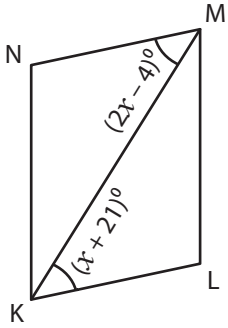
Answer key

Parallelogram - Angles

Sheet 3

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

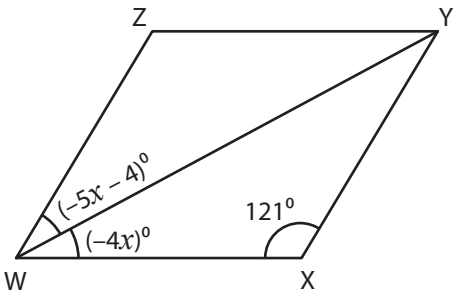
1)



x = 25

m∠MKL = 4

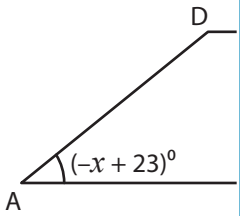
2)



x = −7

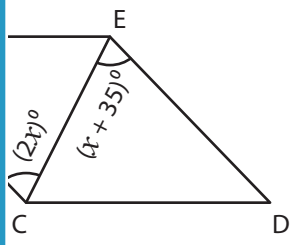
m∠ZYX = 31°

3)



x = −1

m∠D = 1

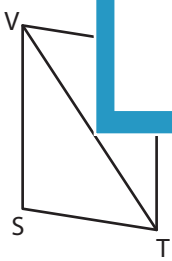


x = 35

m∠E = 70°

B) Find the value of x a… each parallelogram.

5)

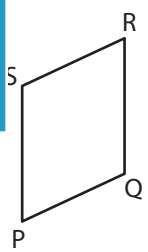


m∠STV = $(9x - 23)^0$; m∠VTU = $(8 + 3x)^0$; m∠SVU = 81^0

x = 8

m∠TVU = 49°

m∠SVT = 32°



m∠PSR = $(8x + 19)^0$; m∠QRS = $(4x + 17)^0$

x = 12

m∠P = 65°

m∠S = 115°