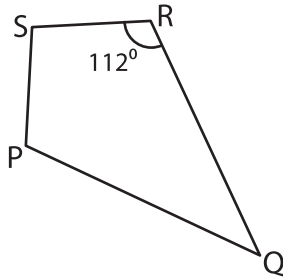


Kite - Angles

A) Solve for x in each kite and find the measure of the indicated angle.

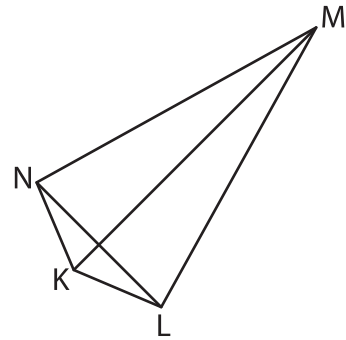
1)



$m\angle S = (7x - 86)^\circ$; $m\angle Q = (x + 14)^\circ$

$x = \underline{\hspace{2cm}}$; $m\angle P = \underline{\hspace{2cm}}$

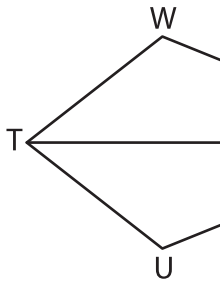
2)



$m\angle KML = (-x + 3)^\circ$; $m\angle LNM = (-4 - 6x)^\circ$

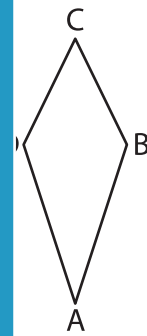
$m\angle N = \underline{\hspace{2cm}}$; $m\angle M = \underline{\hspace{2cm}}$

3)



$m\angle WTV = (2x)^\circ$; $m\angle U = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$; $m\angle T = \underline{\hspace{2cm}}$

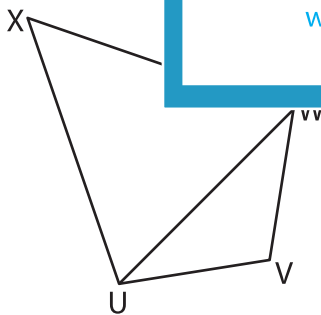


$m\angle C = (8)^\circ$; $m\angle B = (-41 + 3x)^\circ$

$x = \underline{\hspace{2cm}}$; $m\angle D = \underline{\hspace{2cm}}$

B) Solve for x in each kite and find the measure of the indicated angles.

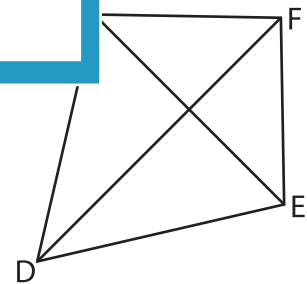
5)



$m\angle XUW = (-86 + 5x)^\circ$; $m\angle X = (82 - x)^\circ$

$x = \underline{\hspace{2cm}}$; $m\angle XWU = \underline{\hspace{2cm}}$

$m\angle XUW = \underline{\hspace{2cm}}$; $m\angle X = \underline{\hspace{2cm}}$



$m\angle GDF = (8x)^\circ$; $m\angle DEG = (18 + 10x)^\circ$

$x = \underline{\hspace{2cm}}$; $m\angle FDG = \underline{\hspace{2cm}}$

$m\angle EGD = \underline{\hspace{2cm}}$; $m\angle FDE = \underline{\hspace{2cm}}$

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