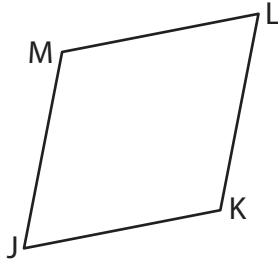


Rhombus - Angles

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

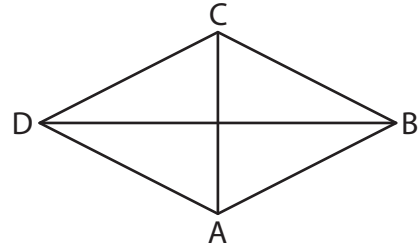
1)



$\angle L = (x + 13)^\circ$; $\angle J = (3x - 97)^\circ$

$x = \underline{\hspace{2cm}}$; $m\angle \underline{\hspace{1cm}}$

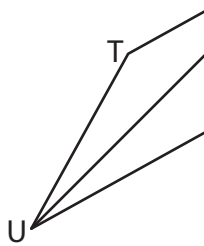
2)



$\angle BDC = x^\circ$; $\angle ACB = (2x + 9)^\circ$

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

3)



$\angle RUS = (6 + x)^\circ$; $\angle T \underline{\hspace{1cm}}$

$x = \underline{\hspace{2cm}}$; $m\angle T \underline{\hspace{1cm}}$



$\angle U = (1 - 5x)^\circ$

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

PREVIEW

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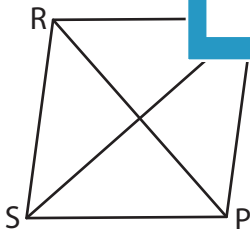
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B) Solve for x in each

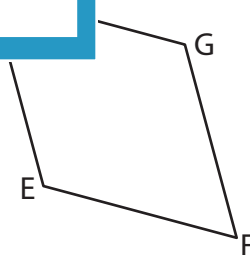
5)



$\angle SRP = (-4 + x)^\circ$; $\angle PSQ = (x - 12)^\circ$

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

$m\angle SQP = \underline{\hspace{2cm}}$; $m\angle QSR = \underline{\hspace{2cm}}$



$\angle D = (2x - 18)^\circ$; $\angle E = (3x + 3)^\circ$

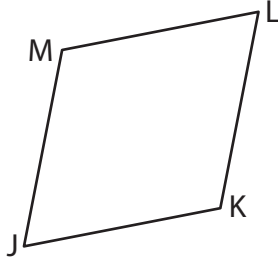
$x = \underline{\hspace{2cm}}$; $m\angle E = \underline{\hspace{2cm}}$

$m\angle F = \underline{\hspace{2cm}}$; $m\angle G = \underline{\hspace{2cm}}$

Rhombus - Angles

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

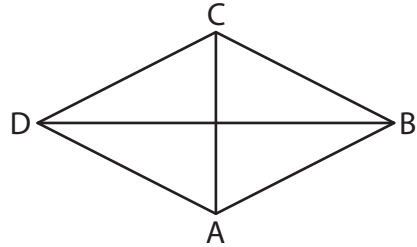
1)



$\angle L = (x + 13)^\circ$; $\angle J = (3x - 97)^\circ$

$x = \underline{55}$; $m\angle$

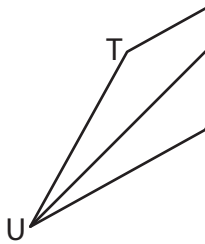
2)



$\angle BDC = x^\circ$; $\angle ACB = (2x + 9)^\circ$

$m\angle D = \underline{54^\circ}$

3)



$\angle RUS = (6 + x)^\circ$; $\angle T$

$x = \underline{10}$; $m\angle T$



$^\circ$; $\angle U = (1 - 5x)^\circ$

$m\angle X = \underline{114^\circ}$

PREVIEW

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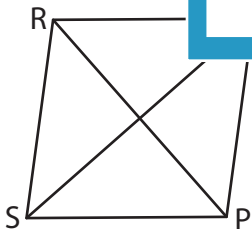
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B) Solve for x in each

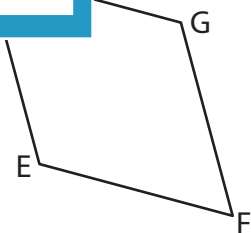
5)



$\angle SRP = (-4 + x)^\circ$; $\angle PSQ = (x - 12)^\circ$

$x = \underline{53}$; $m\angle SPR = \underline{49^\circ}$

$m\angle SQP = \underline{41^\circ}$; $m\angle QSR = \underline{41^\circ}$



$\angle D = (2x - 18)^\circ$; $\angle E = (3x + 3)^\circ$

$x = \underline{39}$; $m\angle E = \underline{120^\circ}$

$m\angle F = \underline{60^\circ}$; $m\angle G = \underline{120^\circ}$