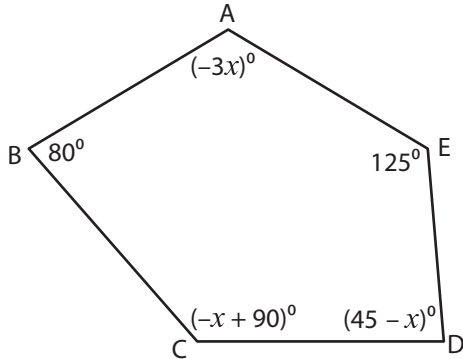


Angles in Polygon

Find the measures of the indicated angles.

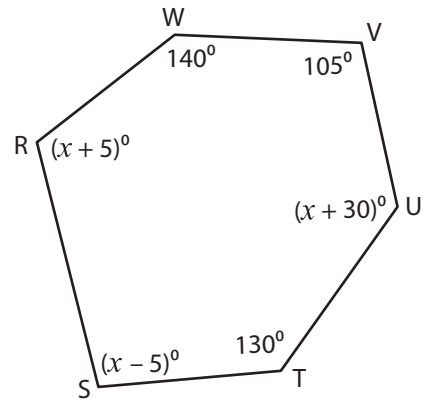
1)



Sum of the interior angles = _____

$m\angle A =$ _____ ; $m\angle C =$ _____

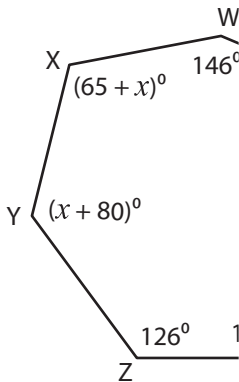
2)



Sum of the interior angles = _____ ; $x =$ _____

$m\angle S =$ _____ ; $m\angle U =$ _____

3)



Sum of the interior angles = _____

$m\angle X =$ _____ ; $m\angle Y =$ _____

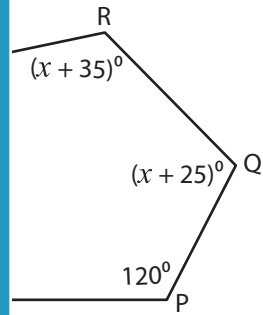
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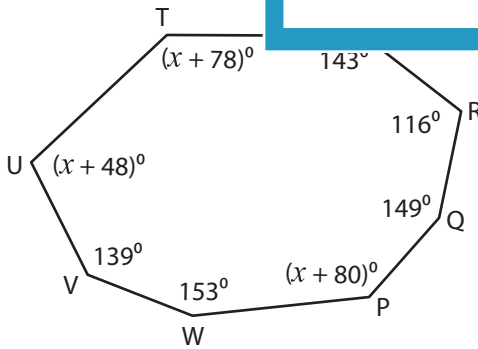
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Sum of the interior angles = _____ ; $x =$ _____

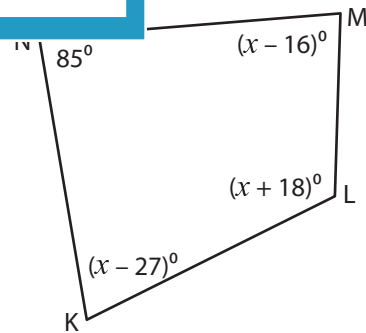
$m\angle Q =$ _____ ; $m\angle R =$ _____

5)



Sum of the interior angles = _____ ; $x =$ _____

$m\angle U =$ _____ ; $m\angle T =$ _____ ; $m\angle P =$ _____



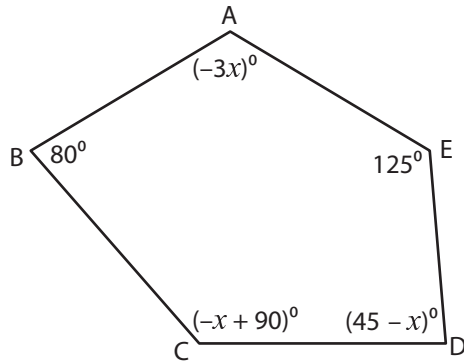
Sum of the interior angles = _____ ; $x =$ _____

$m\angle K =$ _____ ; $m\angle L =$ _____ ; $m\angle M =$ _____

Angles in Polygon

Find the measures of the indicated angles.

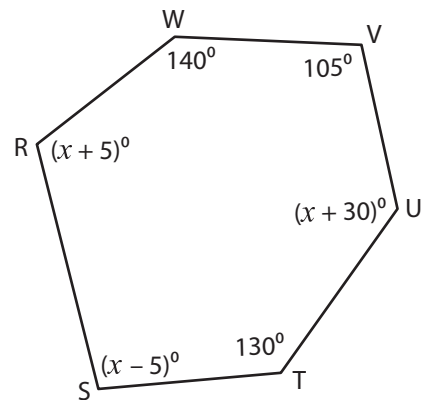
1)



Sum of the interior angles =

$m\angle A = \underline{120^\circ}$; $m\angle C =$

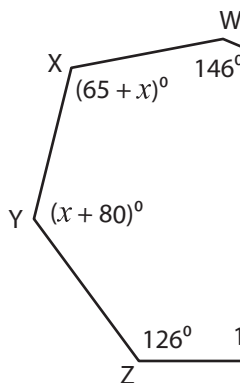
2)



Sum of the interior angles = $\underline{720^\circ}$; $x = \underline{105}$

$m\angle S = \underline{100^\circ}$; $m\angle U = \underline{135^\circ}$

3)



Sum of the interior angles =

$m\angle X = \underline{115^\circ}$; $m\angle Y =$

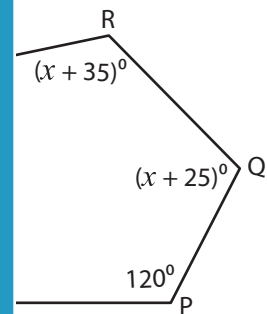
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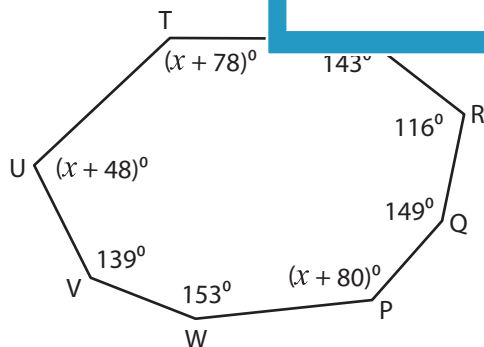
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Sum of the interior angles = $\underline{540^\circ}$; $x = \underline{85}$

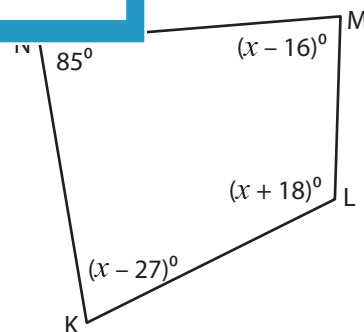
$m\angle Q = \underline{110^\circ}$; $m\angle R = \underline{120^\circ}$

5)



Sum of the interior angles = $\underline{1080^\circ}$; $x = \underline{58}$

$m\angle U = \underline{106^\circ}$; $m\angle T = \underline{136^\circ}$; $m\angle P = \underline{138^\circ}$



Sum of the interior angles = $\underline{360^\circ}$; $x = \underline{100}$

$m\angle K = \underline{73^\circ}$; $m\angle L = \underline{118^\circ}$; $m\angle M = \underline{84^\circ}$