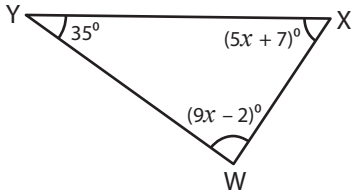


# Triangle - Interior Angles

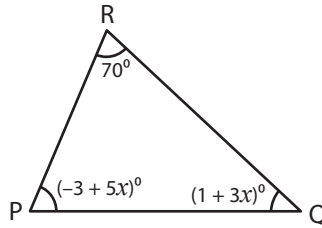
A) Solve for  $x$  in each triangle and find the measure of the indicated interior angle.

1)



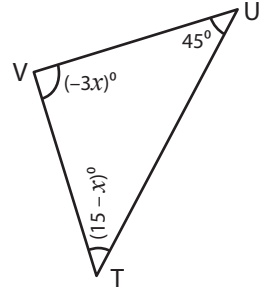
$x =$  \_\_\_\_\_  
 $m\angle X =$  \_\_\_\_\_

2)



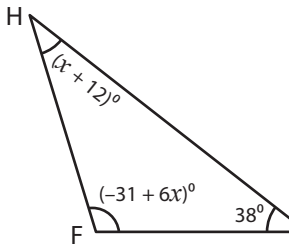
$x =$  \_\_\_\_\_

3)

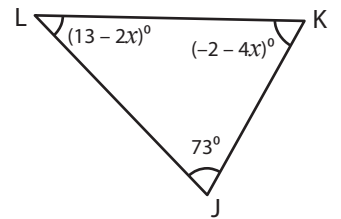


$x =$  \_\_\_\_\_  
 $m\angle T =$  \_\_\_\_\_

4)



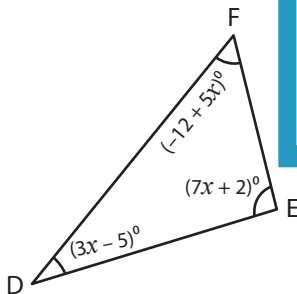
$x =$  \_\_\_\_\_  
 $m\angle H =$  \_\_\_\_\_



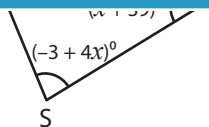
$x =$  \_\_\_\_\_  
 $m\angle K =$  \_\_\_\_\_

B) Solve for  $x$  in each triangle and find the measure of the indicated interior angle.

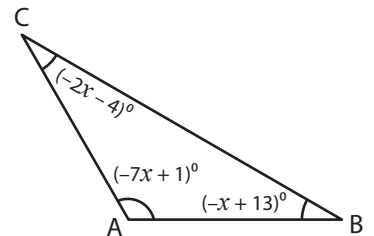
7)



$x =$  \_\_\_\_\_  
 $m\angle D =$  \_\_\_\_\_  
 $m\angle E =$  \_\_\_\_\_  
 $m\angle F =$  \_\_\_\_\_



$x =$  \_\_\_\_\_  
 $m\angle S =$  \_\_\_\_\_  
 $m\angle T =$  \_\_\_\_\_  
 $m\angle U =$  \_\_\_\_\_



$x =$  \_\_\_\_\_  
 $m\angle A =$  \_\_\_\_\_  
 $m\angle B =$  \_\_\_\_\_  
 $m\angle C =$  \_\_\_\_\_

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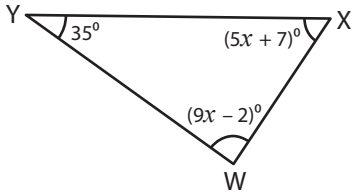
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**Triangle - Interior Angles**

A) Solve for  $x$  in each triangle and find the measure of the indicated interior angle.

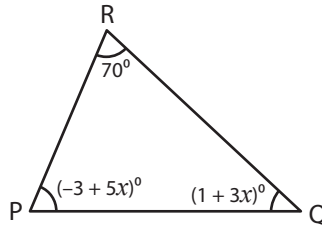
1)



$x = \underline{\quad 10 \quad}$

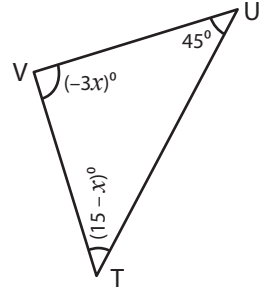
$m\angle X = \underline{\quad 57^\circ \quad}$

2)



$x = \underline{\quad 14 \quad}$

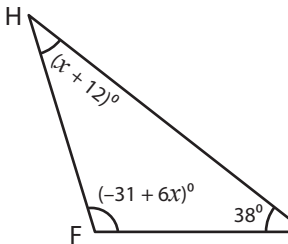
3)



$x = \underline{\quad -30 \quad}$

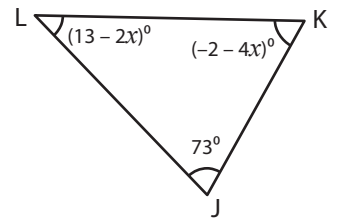
$m\angle T = \underline{\quad 45^\circ \quad}$

4)



$x = \underline{\quad 23 \quad}$

$m\angle H = \underline{\quad 35^\circ \quad}$

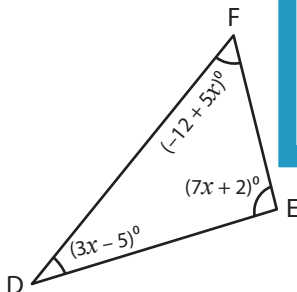


$x = \underline{\quad -16 \quad}$

$m\angle K = \underline{\quad 62^\circ \quad}$

B) Solve for  $x$  in each triangle and find the measure of the indicated interior angle.

7)

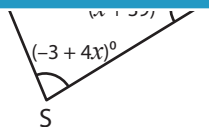


$x = \underline{\quad 13 \quad}$

$m\angle D = \underline{\quad 34^\circ \quad}$

$m\angle E = \underline{\quad 93^\circ \quad}$

$m\angle F = \underline{\quad 53^\circ \quad}$

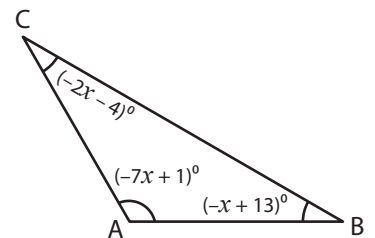


$x = \underline{\quad 21 \quad}$

$m\angle S = \underline{\quad 81^\circ \quad}$

$m\angle T = \underline{\quad 60^\circ \quad}$

$m\angle U = \underline{\quad 39^\circ \quad}$



$x = \underline{\quad -17 \quad}$

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

$m\angle B = \underline{\quad 30^\circ \quad}$

$m\angle C = \underline{\quad 30^\circ \quad}$

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