Geometry

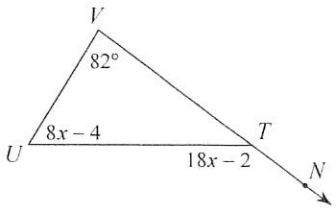
Name_____ ID: 1

NTID 9

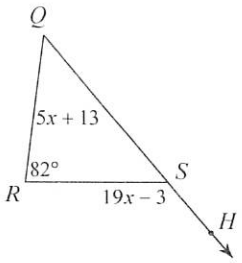
Date_____ Period____

Solve for x.

1)

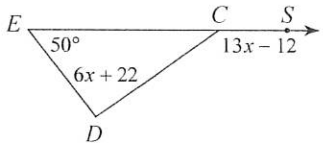


2)

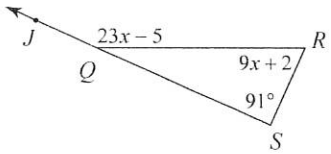


Find the measure of the angle indicated.

3) Find $m\angle D$.

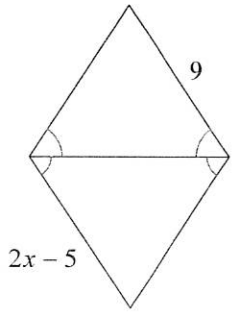


4) Find $m\angle R$.

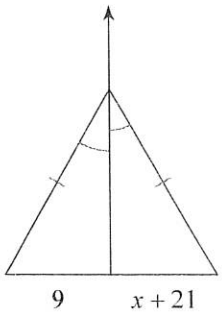


Find the value of x.

5)

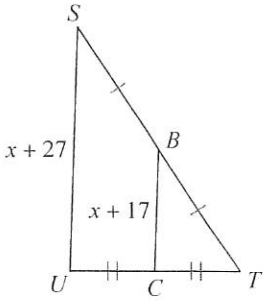


6)

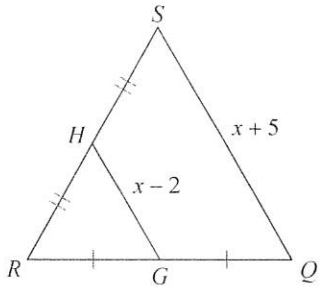


Solve for x.

7)



8)



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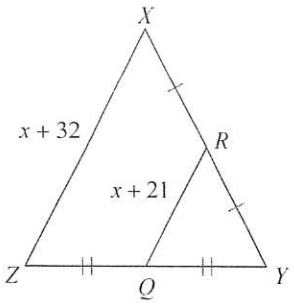
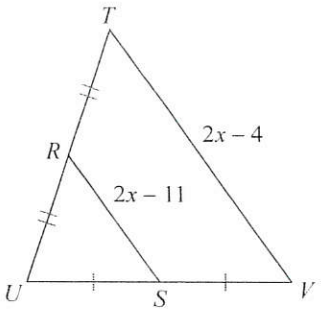
Find the missing length indicated.

9) Find XZ

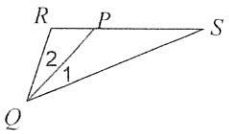


10) Find VT

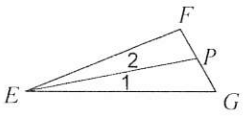


Each figure shows a triangle with one of its angle bisectors.

11) Find $m\angle SQR$ if $m\angle 1 = 3x + 3$ and $m\angle SQR = 5x + 13$.

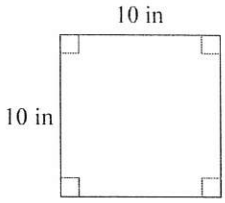


12) $m\angle 1 = 4x + 3$ and $m\angle 2 = 6x - 1$. Find $m\angle 1$.

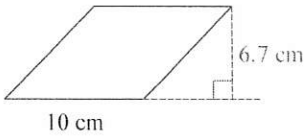


Find the area of each.

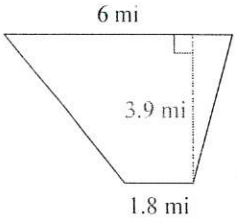
13)



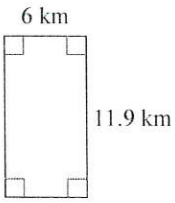
14)



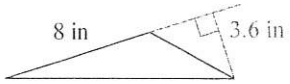
15)



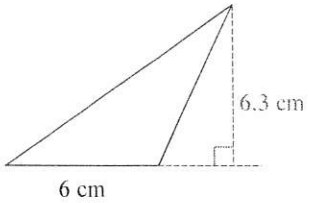
16)



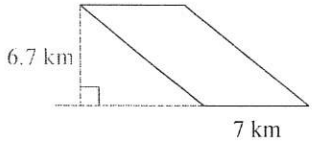
17)



18)



19)



20)