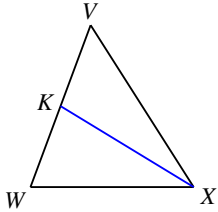


Extra Practice for quiz on Monday 12/17

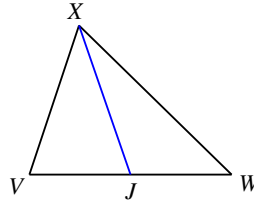
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Write the geometric relationship that you are using, show your substitution, and all work. Box your final answer. Each figure shows a triangle with one or more of its medians.

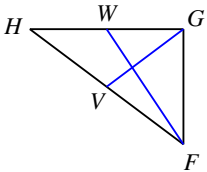
1) Find VW if $KW = 3.7$



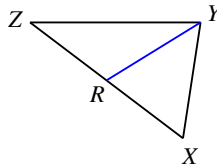
2) Find VW if $JW = 7.4$



3) Find x if $VF = x + 1$ and $VH = 2x - 4$

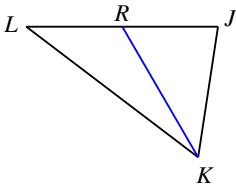


4) Find ZX if $ZX = 3x - 5$ and $RX = x + 2$

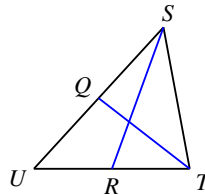


Each figure shows a triangle with one or more of its medians. Show the segment relationship that you will use to solve; show your substitutions, and show your work to solve.

5) Find RJ if $JL = x$ and $RL = x - 3$

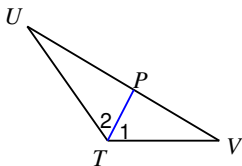


6) Find RU if $RT = 2x - 4$ and $RU = x - 1$

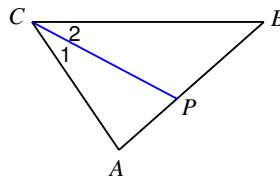


Write the geometric relationship that you are using, show your substitution, and all work. Box your final answer. Each figure shows a triangle with one of its angles bisected. The bisected angles are marked as 1 and 2.

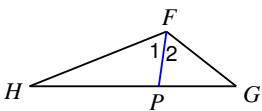
7) Find $m\angle 2$ if $m\angle VTU = 124^\circ$.



8) $m\angle ACB = 56^\circ$. Find $m\angle 2$.



9) Find x if $m\angle 2 = 31x - 2$ and $m\angle 1 = 29x + 2$.



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

