

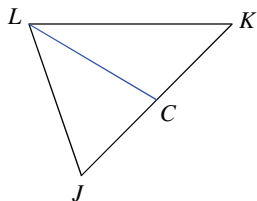
WS 5-2a Median of a Triangle

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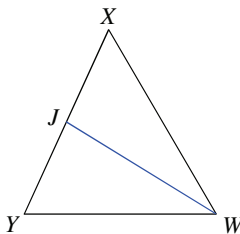
Date _____ Period _____

Each figure shows a triangle with one or more of its medians.

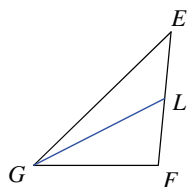
- 1) Find
- CK
- if
- $JK = 5.9$



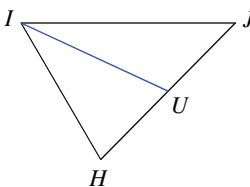
- 2) Find
- JX
- if
- $JY = 8$



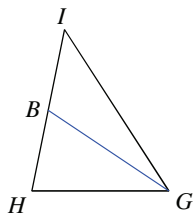
- 3) Find
- LE
- if
- $FE = 4.9$



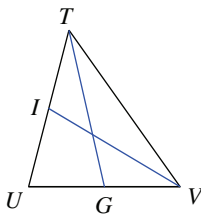
- 4) Find
- UJ
- if
- $HJ = 6$



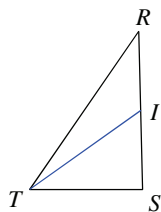
- 5) Find
- BI
- if
- $BH = 6$



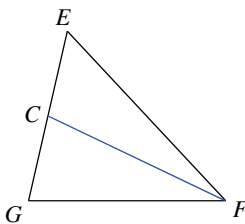
- 6) Find
- UV
- if
- $GV = 2.7$



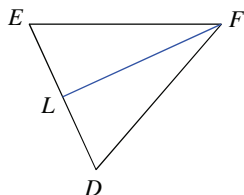
- 7) Find
- SR
- if
- $IR = 8$



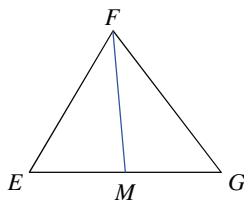
- 8) Find
- CE
- if
- $CG = 2.15$



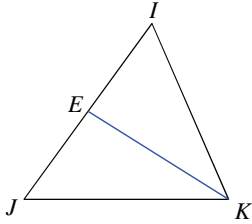
- 9) Find
- LE
- if
- $LD = 2$



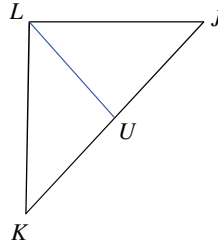
- 10) Find
- EG
- if
- $MG = 3$



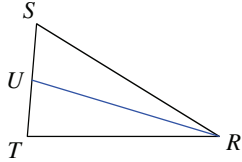
- 11) Find x if $EJ = x + 1$ and $EI = 2x - 4$



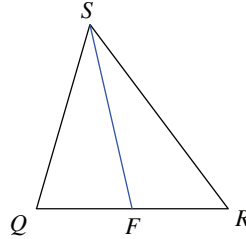
- 12) Find x if $UJ = \frac{3}{2} + \frac{1}{2}x$ and $UK = \frac{2x-1}{2}$



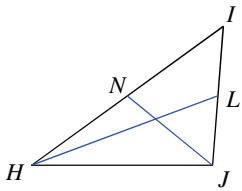
- 13) Find x if $ST = 7x - 1$ and $UT = 3x$



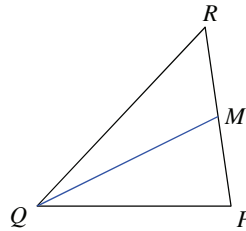
- 14) Find x if $FR = x + 1$ and $FQ = 2x - 2$



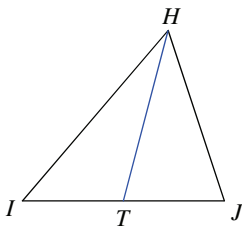
- 15) Find x if $IH = 5x$ and $NH = -\frac{1}{2} + 3x$



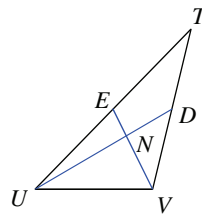
- 16) Find x if $PR = x + 2$ and $MR = x$



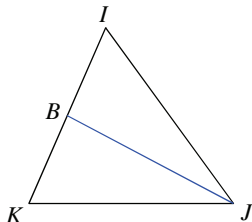
- 17) Find x if $TJ = 2x - 1$ and $TI = x + 2$



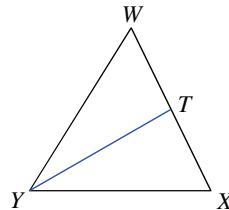
- 18) Find x if $EU = 2x - 7$ and $ET = x$



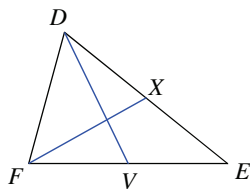
- 19) Find x if $BK = 4x + 1$ and $BI = 5x$



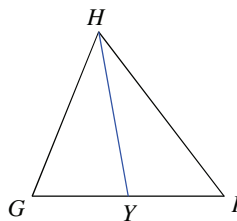
- 20) Find x if $XW = x - 5$ and $TW = x - 6$



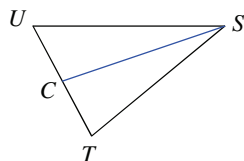
21) Find FE if $VE = \frac{2x-7}{2}$ and $VF = \frac{1}{2}x + 1$



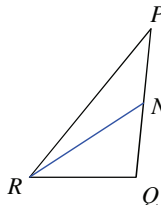
22) Find YG if $GI = 2x - 1$ and $YI = \frac{1}{2}x + 1$



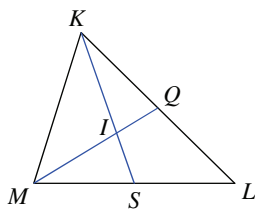
23) Find CT if $UT = \frac{6x+7}{5}$ and $CT = \frac{1}{2}x + \frac{9}{5}$



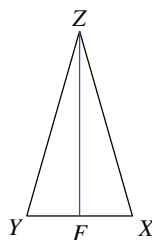
24) Find NQ if $QP = -2 + 2x$ and $NP = 2x - 3$



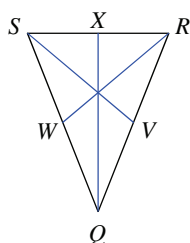
25) Find ML if $SL = x + 1$ and $SM = 2x - 10$



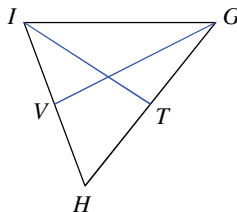
26) Find YX if $YX = x - 1$ and $FX = x - 3$



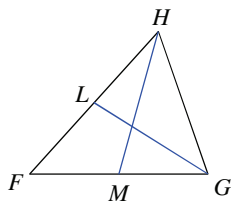
27) Find RS if $XS = \frac{3}{5}x + \frac{2}{5}$ and $XR = \frac{4}{5}x$



28) Find IH if $VH = 2x - 4$ and $VI = x$



29) Find LH if $HF = 5x + 2$ and $LF = 2x + 2$



30) Find PD if $PC = -9 + 2x$ and $PD = x - 2$

