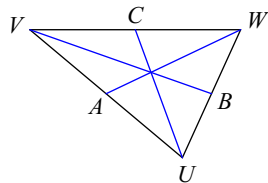


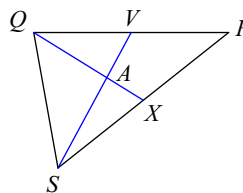
Geometry - Homework 21

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

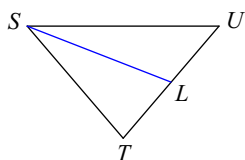
1) Find AU if $VU = 7.2$



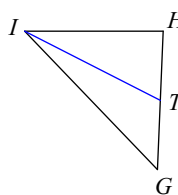
2) Find VR if $VQ = 6$



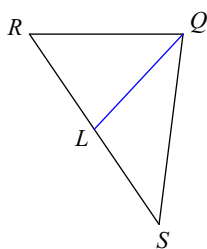
3) Find LT if $LU = 4.9$



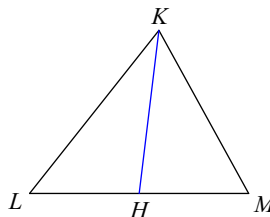
4) Find TG if $TH = 1$



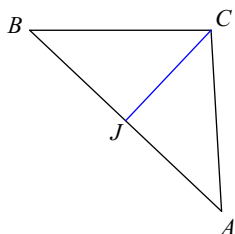
5) Find LR if $LS = 7.9$



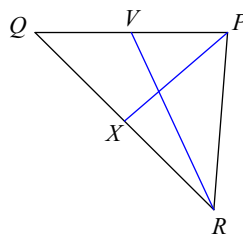
6) Find LM if $HM = 7$



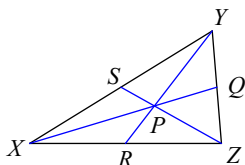
7) Find JA if $BA = 8$



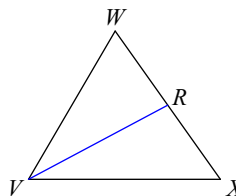
8) Find XR if $QR = 5$



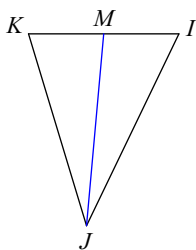
9) Find YX if $SX = 4$



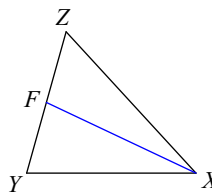
10) Find RX if $RW = 5$



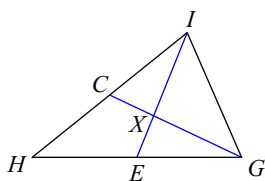
11) Find x if $MK = \frac{9x+2}{10}$ and $MI = \frac{8x+7}{10}$



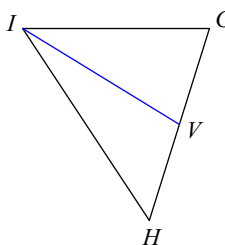
12) Find x if $ZY = x$ and $FY = x - 6$



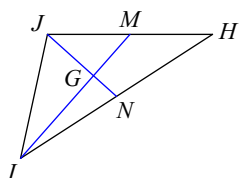
13) Find x if $IX = 2x - 3$ and $XE = \frac{1}{2}x + 1$



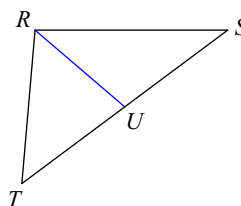
14) Find x if $HG = x - 1$ and $VG = \frac{2x - 11}{2}$



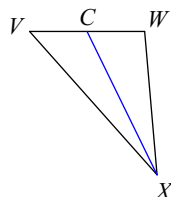
15) Find x if $IM = 4x - 3$ and $GM = x + 1$



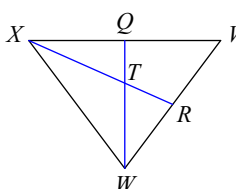
16) Find x if $US = 2x - 11$ and $UT = x - 2$



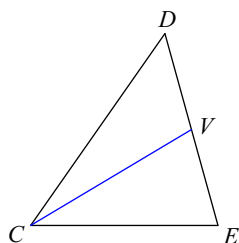
17) Find x if $CV = 3x$ and $CW = 4x - 4$



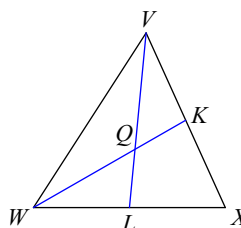
18) Find x if $WT = 3x$ and $WQ = 5x - 4$



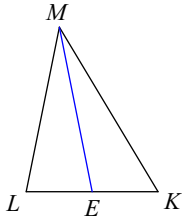
19) Find x if $VD = x - 3$ and $VE = 2x - 11$



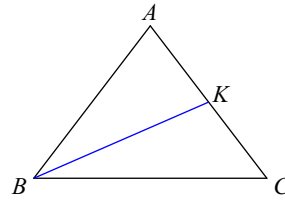
20) Find x if $VQ = x + 3$ and $VL = x + 7$



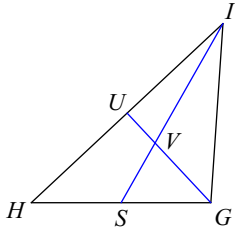
21) Find EL if $EK = 3x - 2$ and $EL = x$



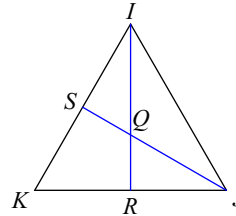
22) Find KC if $CA = 2x + 4$ and $KA = 2x - 5$



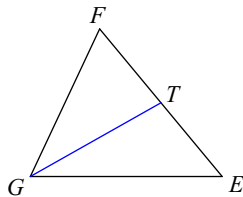
23) Find IV if $IV = -4 + x$ and $VS = 2x - 17$



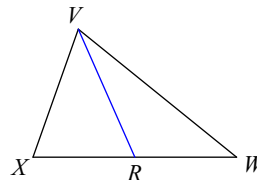
24) Find JS if $JQ = 4x - 14$ and $QS = 3x - 20$



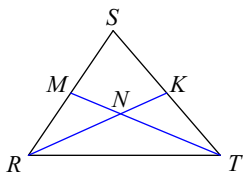
25) Find TE if $TF = 3x - 14$ and $TE = 2x - 4$



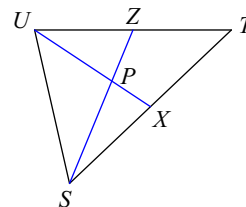
26) Find XW if $XW = 19x - 1$ and $RW = 11x - 2$



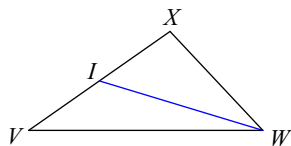
27) Find TM if $TN = 8x + 2$ and $NM = 5x - 2$



28) Find SP if $SZ = \frac{13}{5}x + \frac{2}{5}$ and $PZ = \frac{5x - 8}{5}$



29) Find XV if $IV = 2x - 8$ and $IX = 3x - 17$



30) Find RV if $RV = 2x - 17$ and $PV = x - 9$

