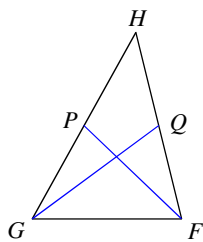


Medians

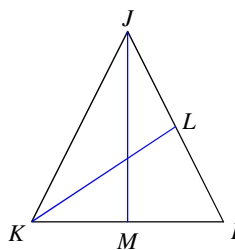
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Each figure shows a triangle with one or more of its medians.

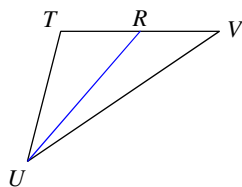
1) Find PH if $PG = 2.5$



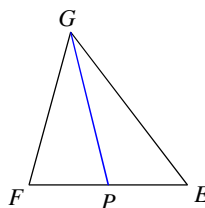
2) Find LI if $LJ = 1.2$



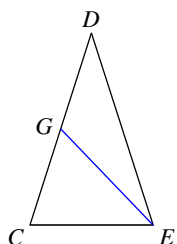
3) Find RV if $RT = 5$



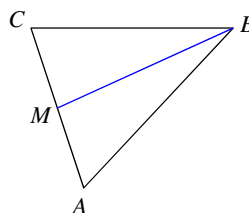
4) Find PE if $FE = 2$



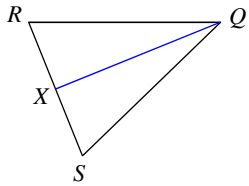
5) Find GC if $DC = 1$



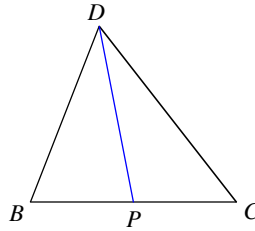
6) Find CA if $MA = 5$



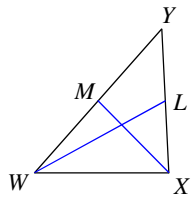
7) Find XR if $XS = 10$



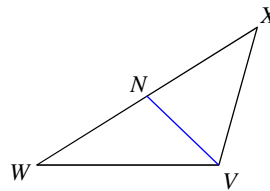
8) Find PB if $PC = 1$



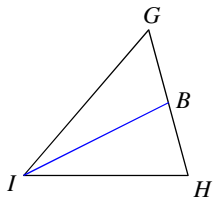
9) Find MW if $YW = 24$



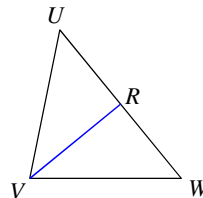
10) Find NX if $NW = 4.6$



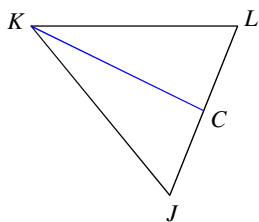
11) Find x if $HG = x + 1$ and $BG = x - 1$



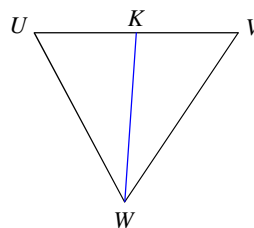
12) Find x if $RU = 2x - 4$ and $RW = x + 3$



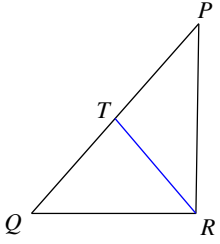
13) Find x if $CL = 2x - 6$ and $CJ = x$



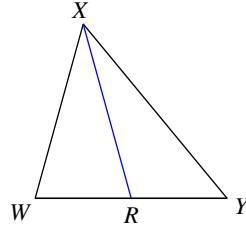
14) Find x if $VU = 3x - 2$ and $KU = 2x - 3$



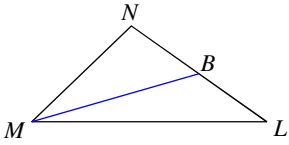
15) Find x if $PQ = x - 2$ and $TQ = -5 + x$



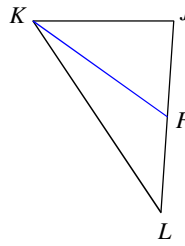
16) Find x if $WY = x + 1$ and $RY = x - 2$



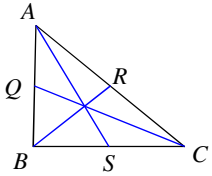
17) Find x if $LN = 2x - 2$ and $BN = 2x - 7$



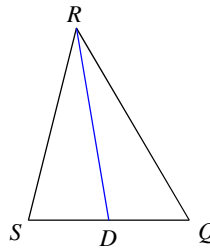
18) Find x if $LJ = 2x + 2$ and $FJ = 2x - 2$



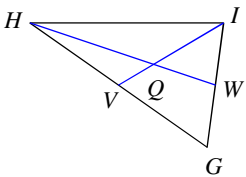
19) Find x if $CA = x + 6$ and $RA = \frac{2x + 1}{2}$



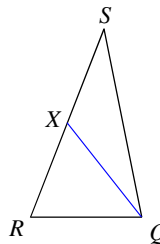
20) Find x if $DQ = x - 2$ and $DS = -8 + 2x$



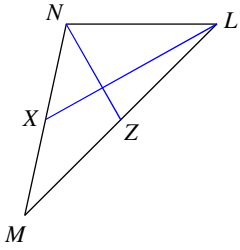
21) Find IQ if $IQ = 10x - 5$ and $IV = 10x - 1$



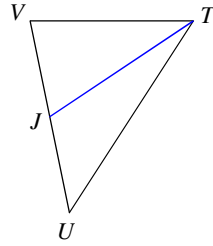
22) Find XS if $SR = x - 2$ and $XR = x - 6$



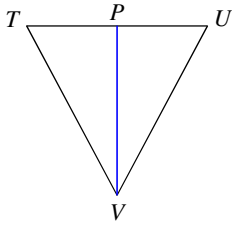
23) Find ML if $ZL = -2 + x$ and $ZM = 2x - 10$



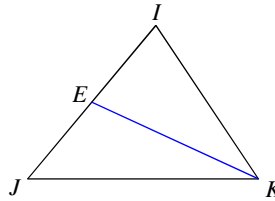
24) Find JV if $JU = x - 5$ and $JV = 2x - 11$



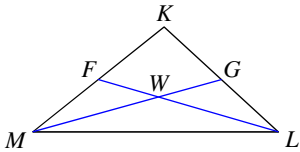
25) Find PT if $UT = x - 2$ and $PT = x - 4$



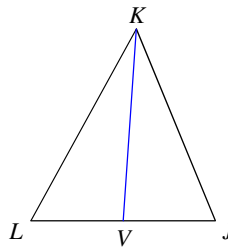
26) Find EJ if $EJ = \frac{6x - 5}{10}$ and $EI = \frac{4x + 11}{10}$



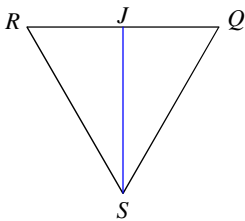
27) Find LK if $GK = 2x - 10$ and $GL = x - 4$



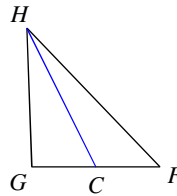
28) Find VL if $LJ = x + 1$ and $VJ = \frac{2x - 1}{2}$



29) Find JR if $QR = x - 7$ and $JR = x - 9$



30) Find GF if $GF = x + 4$ and $CF = x$



Answers to Medians

1) 2.5
5) 0.5
9) 12
13) 6
17) 6
21) 8
25) 2

2) 1.2
6) 10
10) 4.6
14) 4
18) 3
22) 4
26) 4.3

3) 5
7) 10
11) 3
15) 8
19) 5
23) 12
27) 4

4) 1
8) 1
12) 7
16) 5
20) 6
24) 1
28) $\frac{3}{2}$

29) 2

30) 8