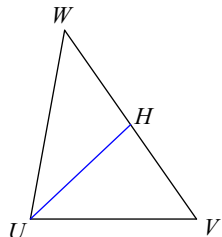


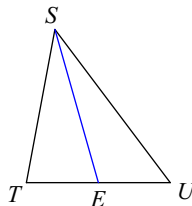
Medians and Centroids

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

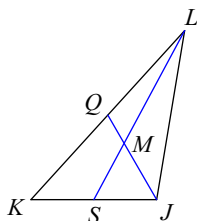
1) Find HW if $VW = 2$



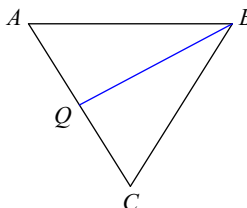
2) Find ET if $EU = 2$



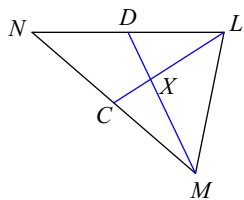
3) Find QK if $LK = 14.8$



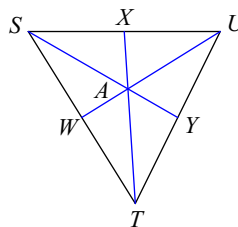
4) Find QA if $QC = 4$



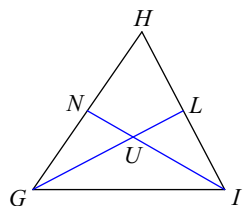
5) Find MD if $XD = 3.65$



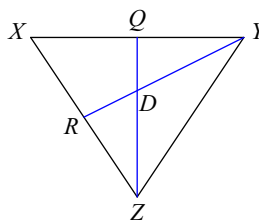
6) Find UW if $AW = 1.5$



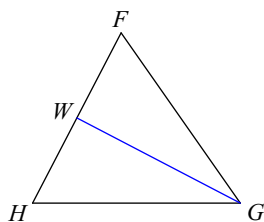
7) Find IN if $UN = 5$



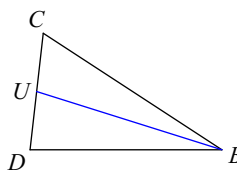
8) Find DQ if $ZQ = 24$



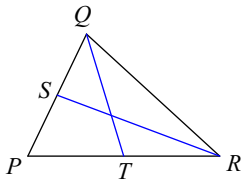
9) Find x if $FH = 3x - 12$ and $WH = -12 + 2x$



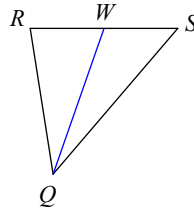
10) Find x if $UD = x - 2$ and $UC = 2x - 6$



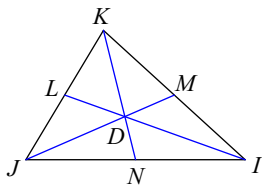
11) Find x if $PR = x - \frac{2}{5}$ and $TR = \frac{3}{10}x + \frac{4}{5}$



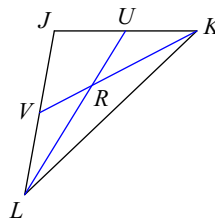
12) Find x if $WR = 2x - 5$ and $WS = x - 1$



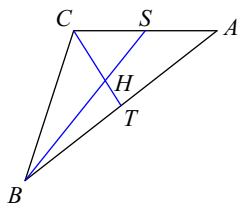
13) Find x if $JM = 2x - 5$ and $DM = x - 4$



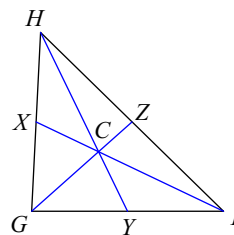
14) Find x if $LR = 3x$ and $RU = 2x - 1$



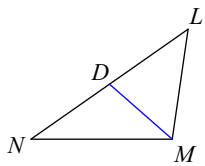
15) Find x if $CH = x + 10$ and $CT = 4x$



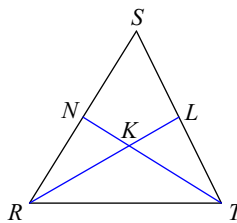
16) Find x if $HC = x$ and $CY = x - 4$



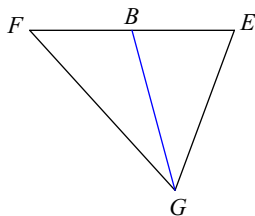
17) Find x if $LN = 6x - 1$ and $DN = \frac{5x + 1}{2}$



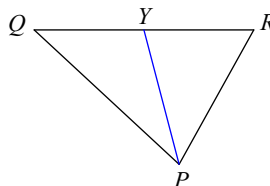
18) Find x if $TN = 4x + 1$ and $KN = x + 1$



19) Find x if $BF = \frac{2x - 3}{2}$ and $BE = \frac{1}{2}x + 2$



20) Find x if $YQ = \frac{x}{2}$ and $YR = -\frac{5}{2} + x$



Answers to Medians and Centroids (ID: 1)

1) 1

5) 10.95

9) 12

13) 7

17) 2

2) 2

6) 4.5

10) 4

14) 2

18) 2

3) 7.4

7) 15

11) 5

15) 6

19) 7

4) 4

8) 8

12) 4

16) 8

20) 5