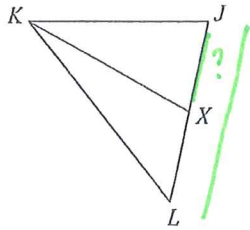


Median HW

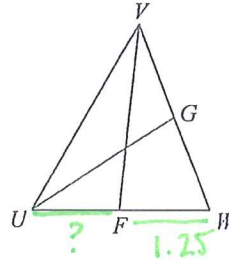
Each figure shows a triangle with one or more of its medians.

- 1) Find XJ if $LJ = 4$ *Show ALL work for credit!*



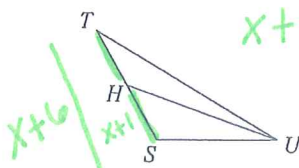
$XJ = 2$

- 2) Find FU if $FW = 1.25$



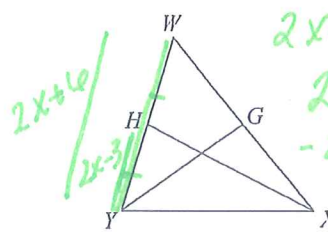
$FU = 1.25$

- 3) Find x if $TS = x + 6$ and $HS = x + 1$



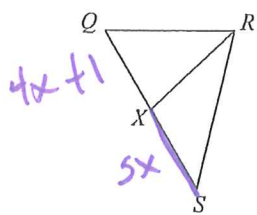
$x + 6 = x + 1 + x + 1$
 $x + 6 = 2x + 2$
 $6 = x + 2$
 $4 = x$

- 4) Find x if $WY = 2x + 6$ and $HY = 2x - 3$



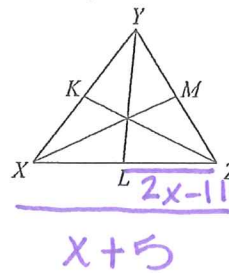
$2x + 6 = 2x - 3 + 2x - 3$
 $2x + 6 = 4x - 6$
 $-2x \quad -2x$
 $6 = 2x - 6$
 $12 = 2x$
 $6 = x$

- 5) Find x if $XS = 5x$ and $XQ = 4x + 1$



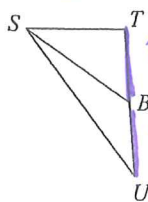
$5x = 4x + 1$
 $-4x \quad -4x$
 $x = 1$

- 6) Find x if $XZ = x + 5$ and $LZ = 2x - 11$



$x + 5 = 2x - 11 + 2x - 11$
 $x + 5 = 4x - 22$
 $-x \quad -x$
 $5 = 3x - 22$
 $+22 \quad +22$
 $27 = 3x$
 $9 = x$

- 7) Find BT if $BT = x + 1$ and $BU = 2x - 1$

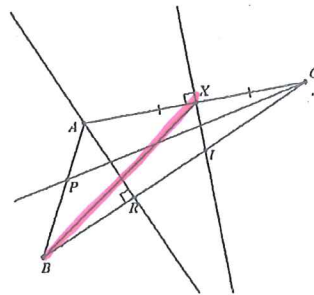
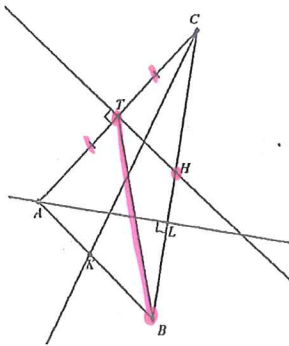
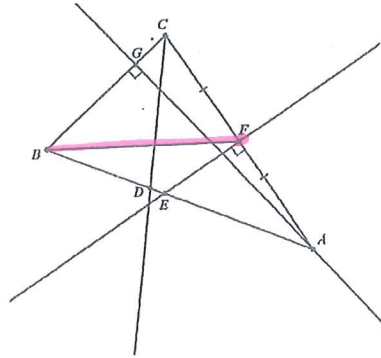
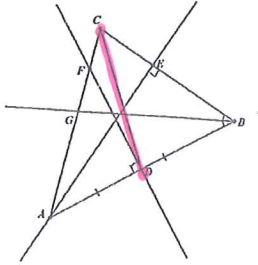


$x + 1 = 2x - 1$
 $-x \quad -x$
 $1 = x - 1$
 $+1 \quad +1$
 $2 = x$

$BT = 2 + 1$ $BT = 3$

Medians-ID.notebook

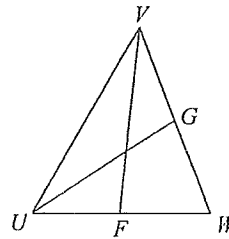
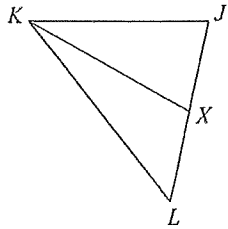
Name the median in Triangle ABC + highlight



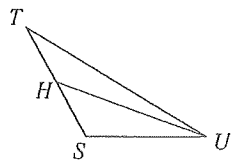
Median HW

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

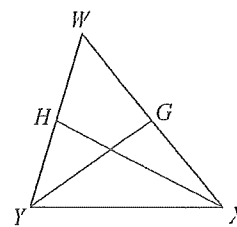
- 1) Find XJ if $LJ = 4$ *Show ALL work for credit!* 2) Find FU if $FW = 1.25$



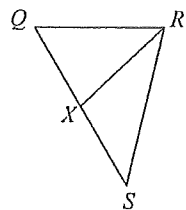
- 3) Find x if $TS = x + 6$ and $HS = x + 1$



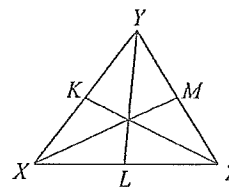
- 4) Find x if $WY = 2x + 6$ and $HY = 2x - 3$



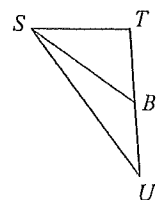
- 5) Find x if $XS = 5x$ and $XQ = 4x + 1$



- 6) Find x if $XZ = x + 5$ and $LZ = 2x - 11$



- 7) Find BT if $BT = x + 1$ and $BU = 2x - 1$



Medians-ID.notebook

Name the median in Triangle ABC + highlight

