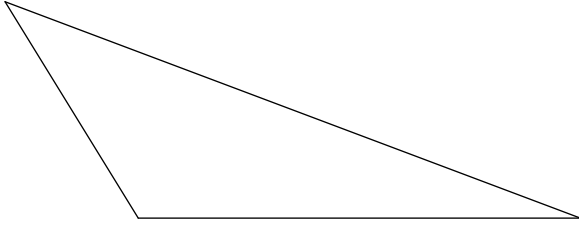


Triangle Anatomy

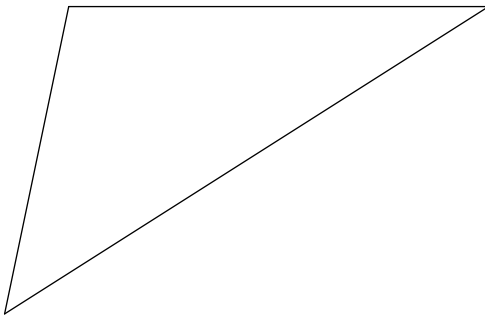
Sketch all three altitudes. What is the name of the point where they intersect?

1)



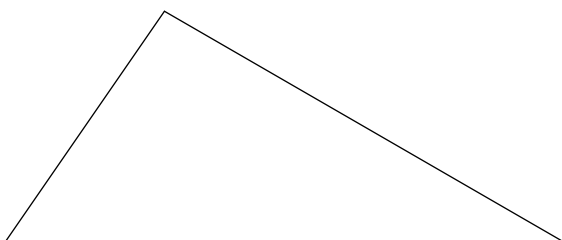
Sketch all three perpendicular bisectors. What is the name of the point where they intersect?

2)



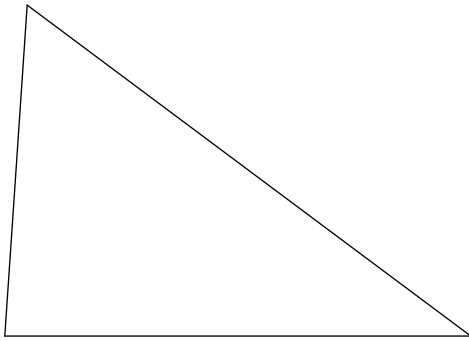
Sketch all three medians. What is the name of the point where they intersect?

3)



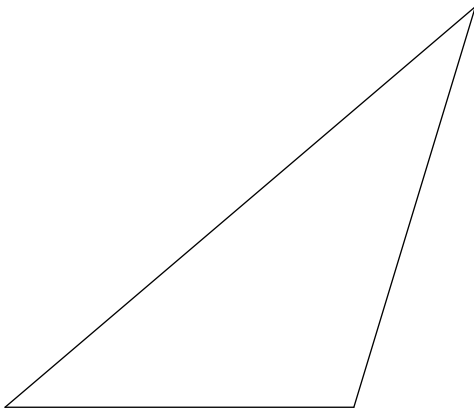
Sketch all three angle bisectors. What is the name of the point where they intersect?

4)



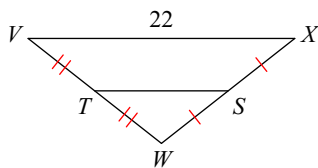
Sketch all three midsegments. What is the name of the point where two midsegments intersect?

5)

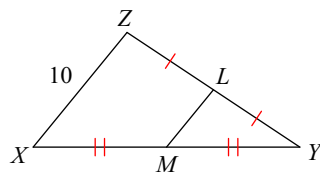


Find the missing length indicated.

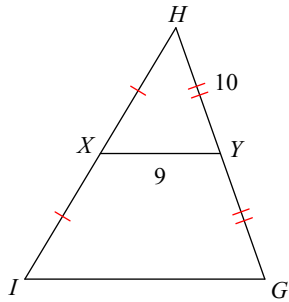
6) Find ST



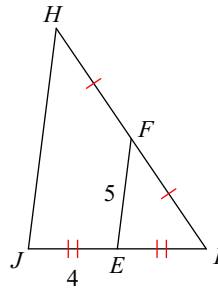
7) Find LM



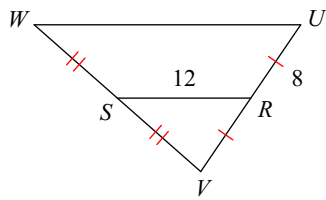
8) Find IG



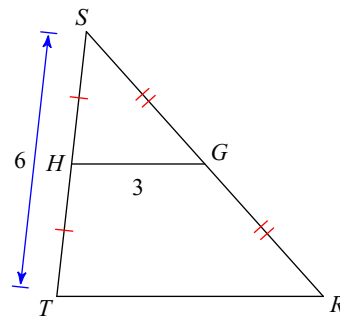
9) Find HJ



10) Find UW

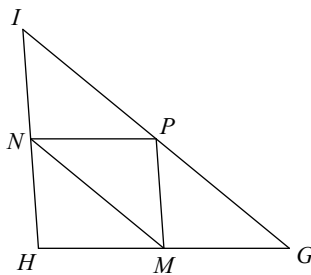


11) Find TR



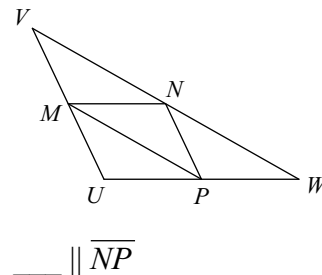
In each triangle, M, N, and P are the midpoints of the sides. Name a segment parallel to the one given.

12)



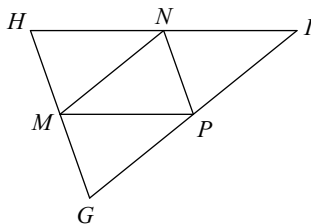
___ $\parallel \overline{HI}$

13)



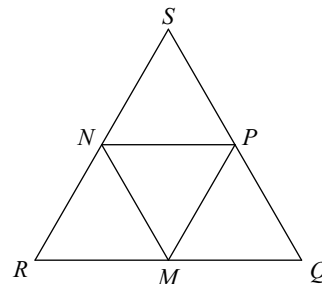
___ $\parallel \overline{NP}$

14)



___ $\parallel \overline{GH}$

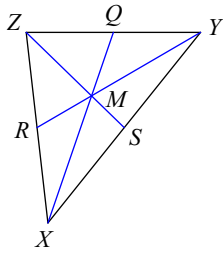
15)



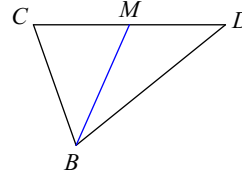
$\overline{RS} \parallel$ ___

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

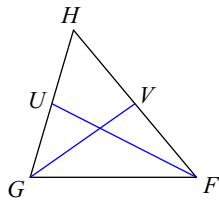
16) Find SX if $SY = 12$



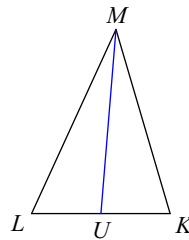
17) Find DC if $MC = 3.5$



18) Find VH if $FH = 17.2$

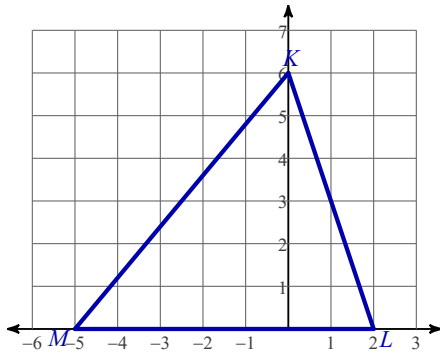


19) Find LK if $UK = 5$

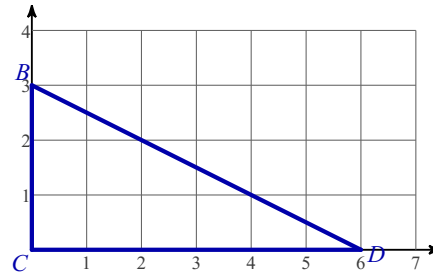


Find coordinates of the centroid of each triangle.

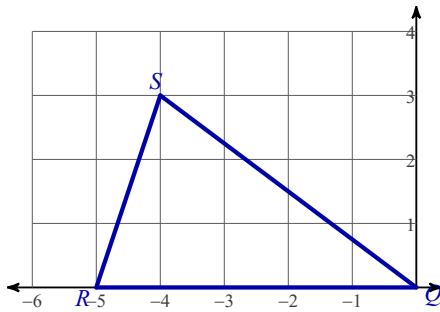
20)



21)



22)



23)

