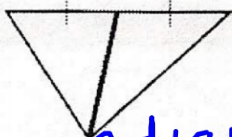


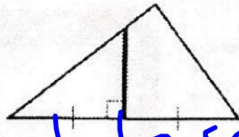
For 1-8, is the boldface segment a perpendicular bisector, angle bisector, median, altitude, or none of these?

1.



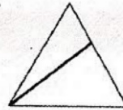
median

2.



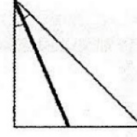
$\perp$ bisector

3.



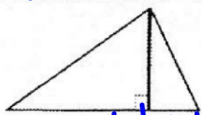
none

4.



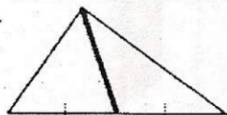
angle bisect.

5.



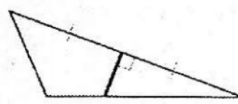
altitude

6.



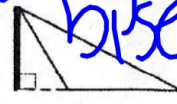
median

7.



$\perp$ bisector

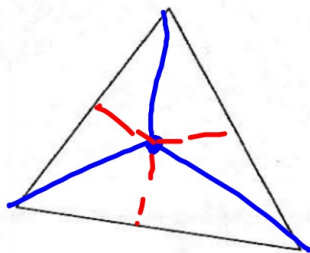
8.



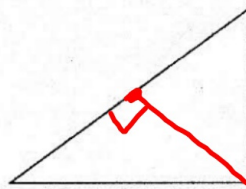
altit

For 9-12, sketch and name (circumcenter, etc) the point of concurrency of the given lines. Label the drawings completely.

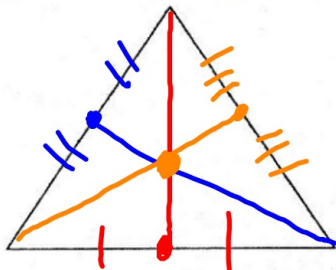
9. Angle bisectors



10. Perpendicular bisectors

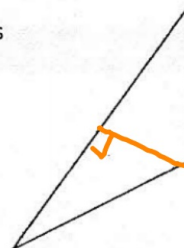


11. Medians



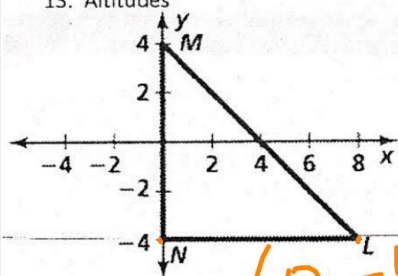
Centroid

12. Altitudes



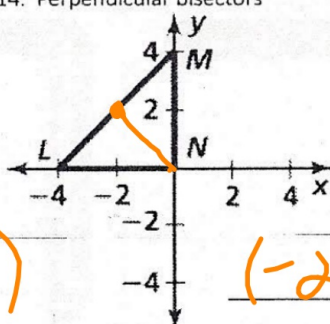
For 13-15, find the coordinates of the point of concurrency for the given lines.

13. Altitudes



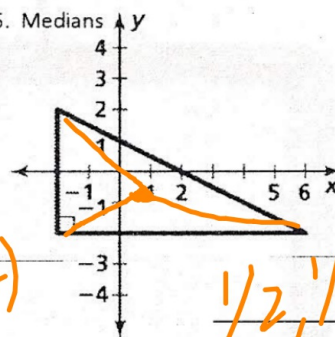
$(0, -4)$

14. Perpendicular bisectors



$(-2, 2)$

15. Medians



$1/2, 1/2$