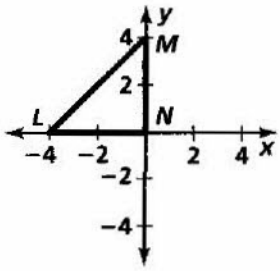
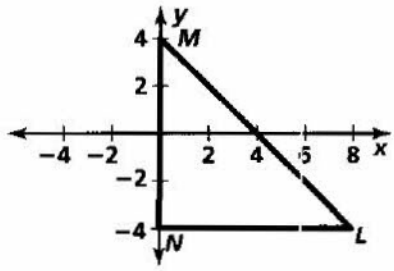
Name _____ Class _____ Date _____

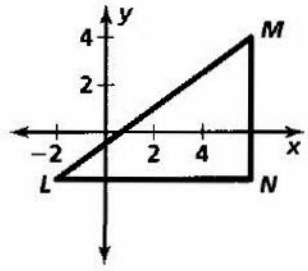
Practice 5-3

Concurrent Lines, Medians, and Altitudes

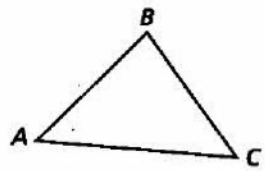
Find the center of the circle that circumscribes $\triangle LMN$.

1. 

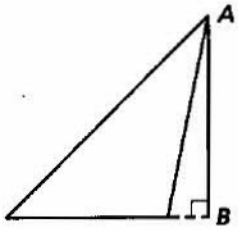
2. 

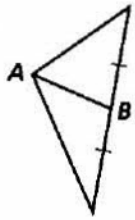
3. 

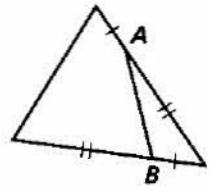
4. Construct the angle bisectors for $\triangle ABC$.
Then use the point of concurrency to construct an inscribed circle.

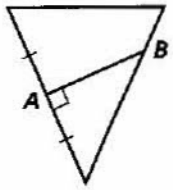


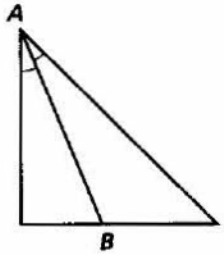
Is $\overline{AB}$ a perpendicular bisector, an angle bisector, an altitude, a median, or none of these?

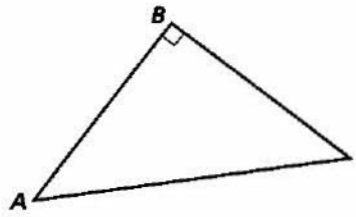
5. 

6. 

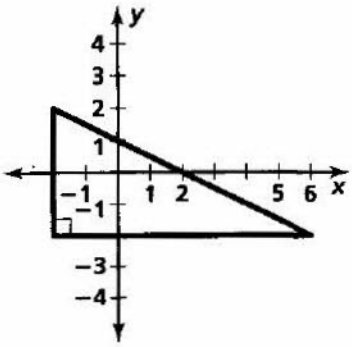
7. 

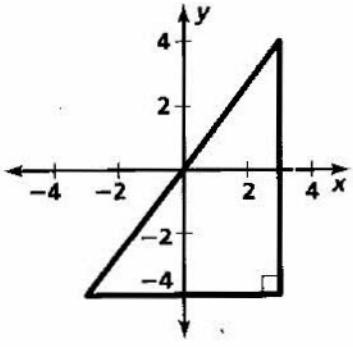
8. 

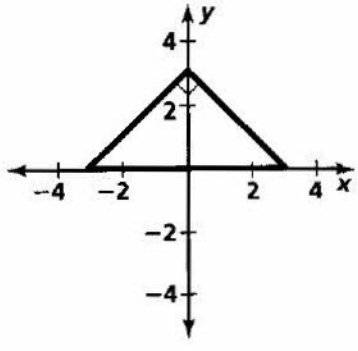
9. 

10. 

For each triangle, give the coordinates of the point of concurrency of (a) the perpendicular bisectors of the sides and (b) the altitudes.

11. 

12. 

13. 

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