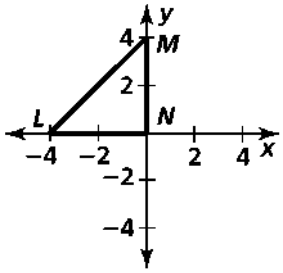
Name_____ Class_____ Date_____

Practice 5-3

Concurrent Lines, Medians, and Altitudes

Find the center of the circle that circumscribes ΔLMN.

1.



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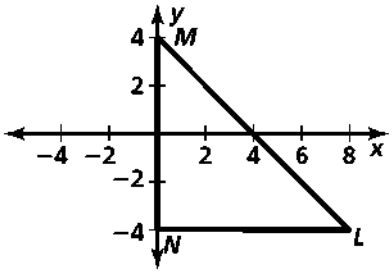

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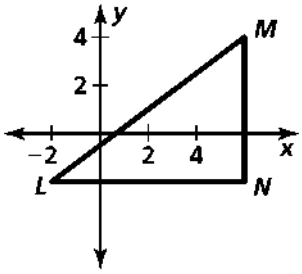
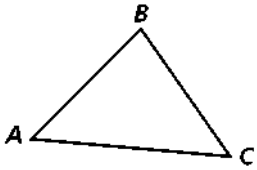
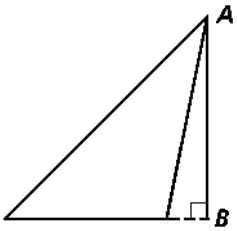


4. Construct the angle bisectors for ΔABC.
Then use the point of concurrency to construct an inscribed circle.



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

5.



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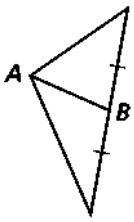

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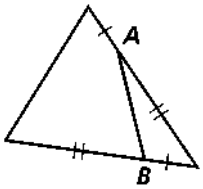

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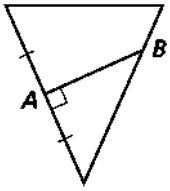

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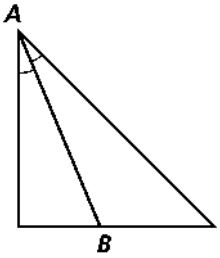

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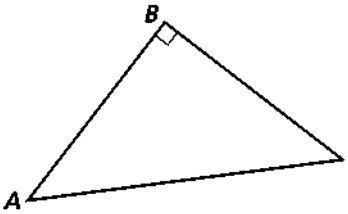
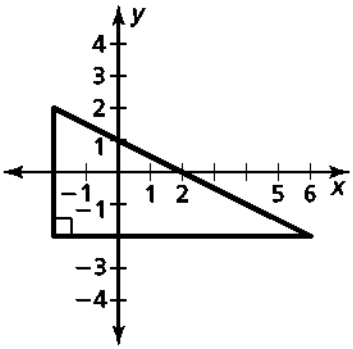


For each triangle, give the coordinates of the point of concurrency of (a) the perpendicular bisectors of the sides and (b) the altitudes.

11.



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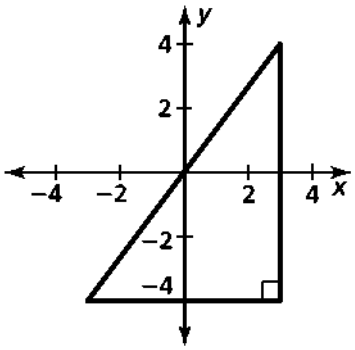

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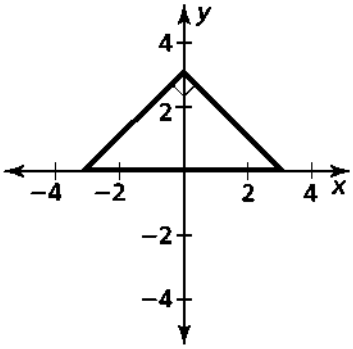

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