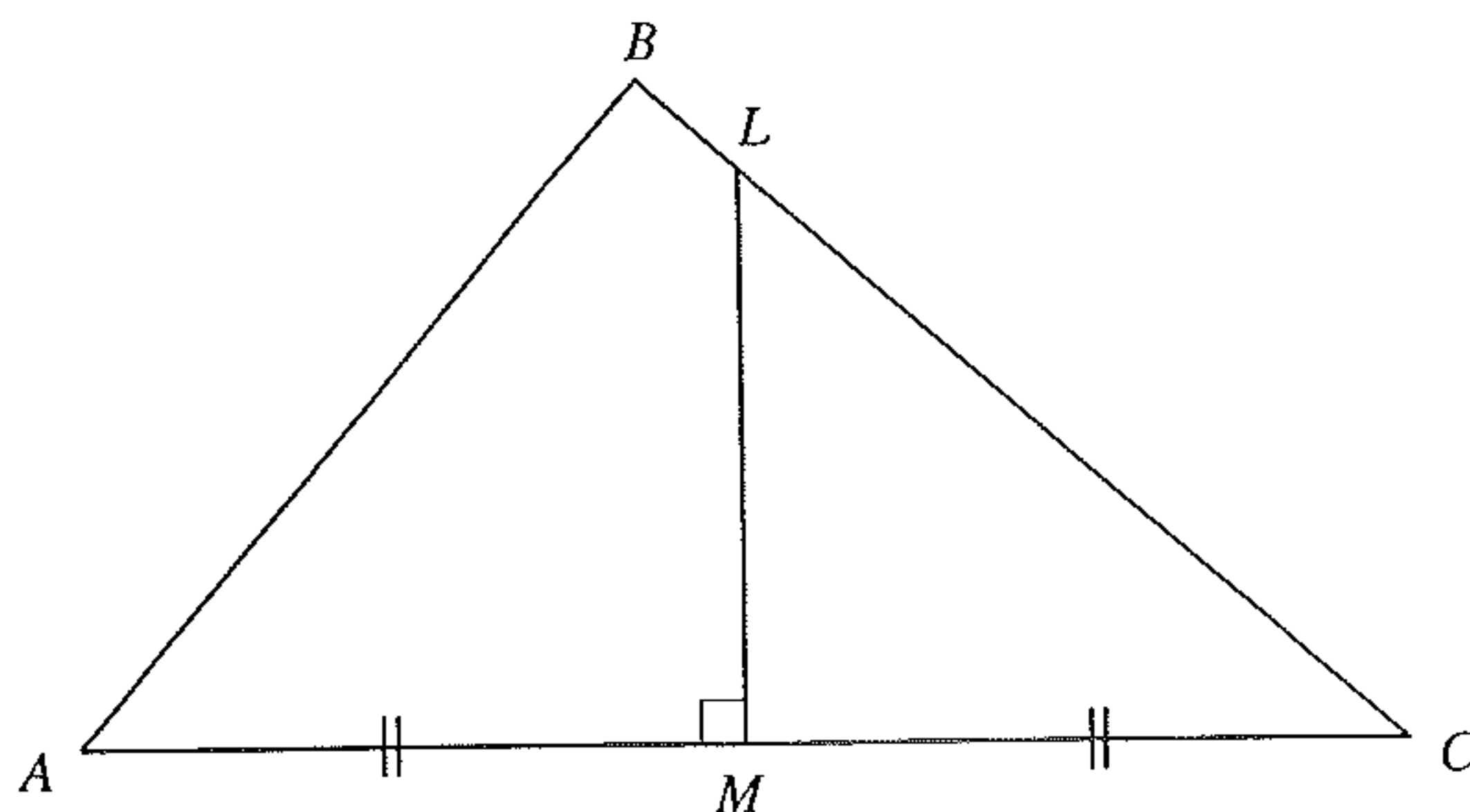


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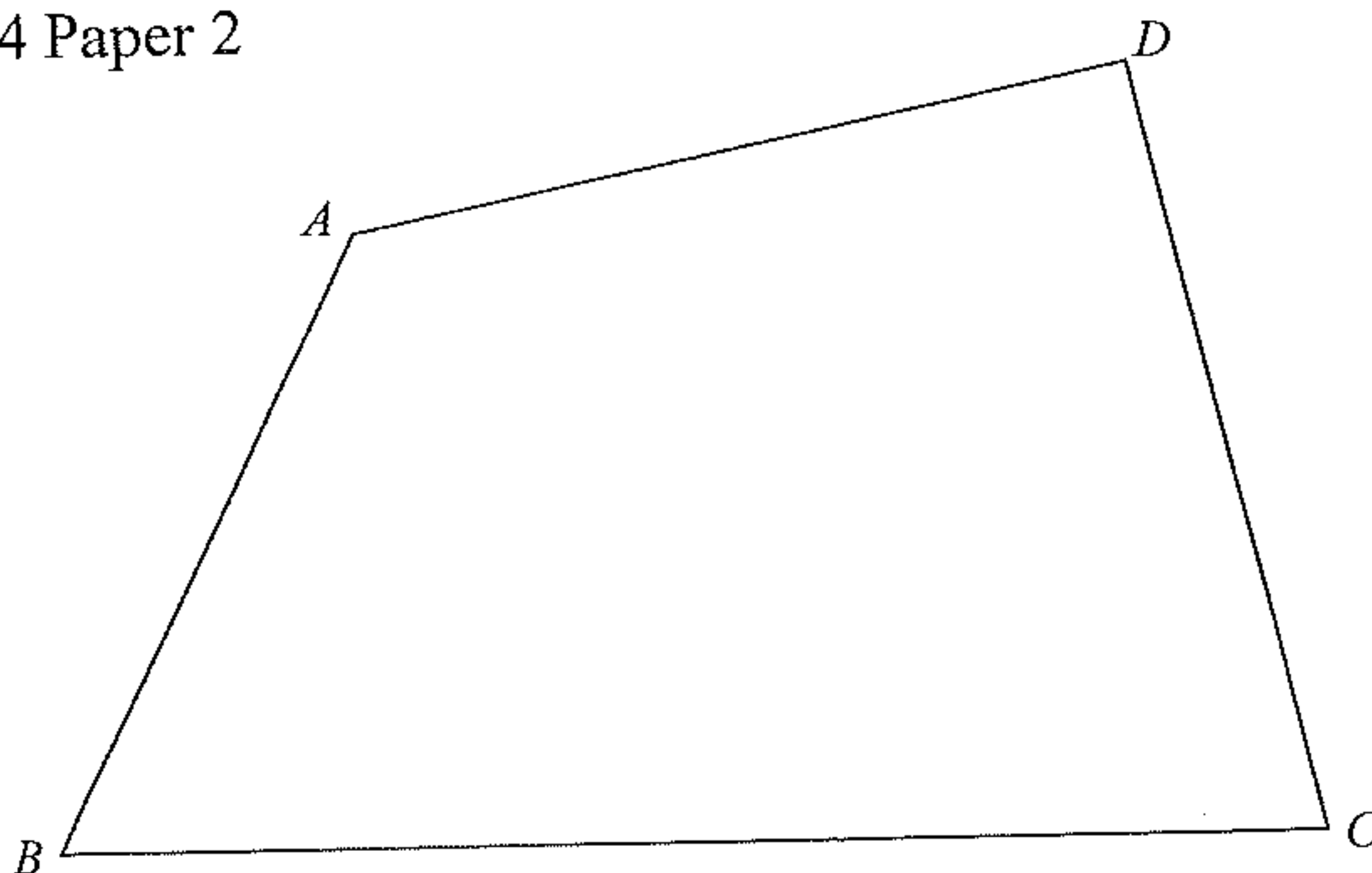


In triangle ABC , the line LM is the perpendicular bisector of AC .

- (a) Draw, using a straight edge and compasses only, the bisector of angle BAC . [1]
- (b) Shade the region in triangle ABC which is less than 5 cm from A , nearer to AC than AB and nearer to C than A . [2]

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Oct 04 Paper 2



The diagram shows a quadrilateral $ABCD$.

- (a) Draw the locus of points in the quadrilateral which are 5 cm from A . [1]
- (b) Using a straight edge and compasses only, draw the locus of all points inside the quadrilateral which are equidistant from C and D . [2]
Show all your construction lines.
- (c) Shade the region which contains points in the quadrilateral that are more than 5 cm from A and nearer to D than to C . [1]