

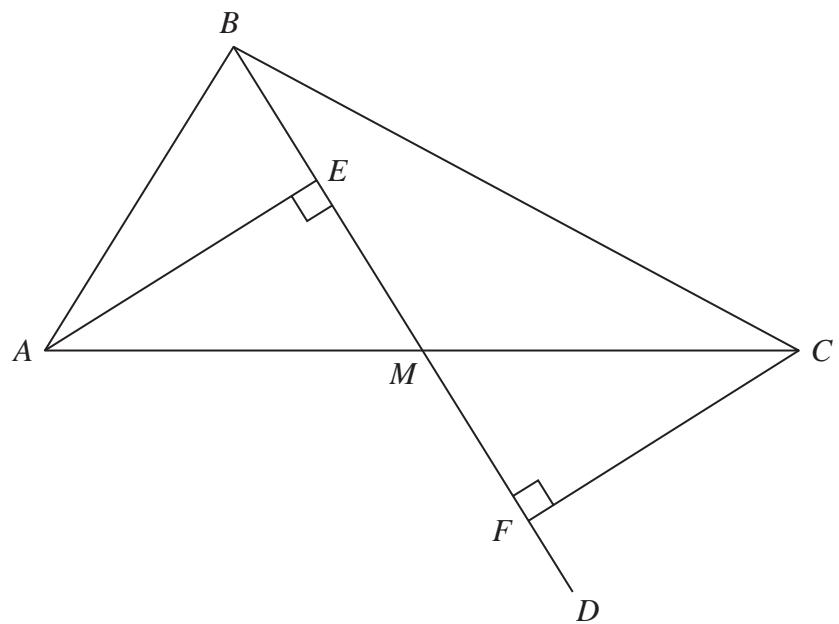
15

Diagram **NOT**
accurately drawn

The diagram shows $\triangle ABC$ and the straight line BMD such that M is the midpoint of AC .

The points E and F lie on BMD such that AE and CF are each perpendicular to BMD .

Prove that $\triangle AEM$ is congruent to $\triangle CFM$.

DO NOT WRITE IN THIS AREA

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(Total for Question 15 is 3 marks)



P 6 6 2 9 3 A 0 1 0 2 8