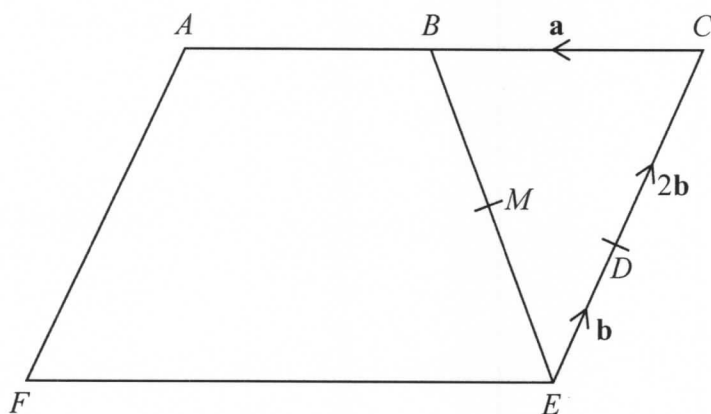


GCSE VECTORS

*20

Diagram **NOT** accurately drawn



ACEF is a parallelogram.
B is the midpoint of *AC*.
M is the midpoint of *BE*.

$$\vec{CB} = \mathbf{a}$$

$$\vec{ED} = \mathbf{b}$$

$$\vec{DC} = 2\mathbf{b}$$



Show that *AMD* is a straight line.

(Total for Question 20 is 5 marks)



P 4 5 8 2 8 A 0 2 1 2 4