



## STEP III, 2016 , Q7 EC

### Question 7

This was the least popular question in the Pure section of the paper being attempted by less than 30% of the candidates, and whilst there were some very good solutions, the standard of attempts was generally not good, and in fact, only one of the Mechanics questions was less well-answered in the whole paper. In general, the stem was pretty well answered, but even here, having appreciated that each factor on the LHS was a factor of the RHS, frequently there was no consideration given to the, admittedly simple to obtain, scalar factor being one. In spite of the stem, most did not appreciate how to proceed with part (i), and so went little further.



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