



STEP II, 2016, Q1 EC

This was a popular question and many very good solutions were seen. The first part of the question was a relatively straightforward application of differentiation and parametric equations and was successfully completed by many of the candidates. The sketches produced were generally the correct shape for the parabola, although in some cases it was not in the correct position. The other curve caused more problems with some candidates drawing another parabola or similar shape.



NextStepMaths.com

To view mark schemes, fully worked solutions and examiner's comments, and for more details about tutoring and other services offered, go to [NextStepMaths.com](https://www.NextStepMaths.com)