



STEP II, 2016, Q3 EC

This was the most popular question on the paper, and candidates generally scored well here. The first two parts were relatively straightforward and were answered well. The final part required careful explanation from candidates and many were not able to take the initial step of rewriting the relationship between the function and its derivative in a useful way. Those who did successfully complete this part were often able to identify the number of roots in each of the two cases.



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)