



STEP II, 2013, Q8 EC

8. Candidates attempting question 8 generally received either a very low or a very high score. Many attempts did not progress further than an attempt to sketch the graph and identify the rectangle to be used. There were also some attempts that confused the line $y = f(t)$ with a transformation of the curve $y = f(x)$. In the second part of the question there were some difficulties with the differentiation of $g(t)$, but those candidates who successfully completed this section did not in general have any difficulties with the remainder of the question.



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