



STEP III, 2010 Q12 EC

12. Although this was marginally less popular than question 11, the success achieved was similar to that on the first two questions. A small number of candidates didn't get started but most found the first parts straightforward and dealt with the manipulation and summation of the geometric series correctly. Many found an incorrect "shortcut" on the last part, despite having a good idea how to attempt it correctly having completed the earlier parts.



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