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2013 11e

Find $\int e^{4x+1} dx$.

$$\int e^{4x+1} dx = \frac{1}{4} e^{4x+1} + c$$

2

State Mean:
1.62

* These solutions have been provided by [projectmaths](#) and are not supplied or endorsed by BOSTES.

Board of Studies: Notes from the Marking Centre

Most candidates completed this question correctly.

Common problems were:

- confusing differentiation with integration of exponential functions
- not knowing how to differentiate an exponential function
- including a logarithm as part of the answer.

Source: http://www.boardofstudies.nsw.edu.au/hsc_exams/