
AP[®] Calculus BC

Sample Student Responses and Scoring Commentary

Inside:

Free-Response Question 5

- ✓ Scoring Guidelines
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Question 5 (continued)

In part (c) the response did not earn the first point because the improper integral in line 1 has limits of integration that are not consistent with region W . The response is eligible to earn the second point because the integrand is of the form $\frac{1}{x^n}$, $n > 1$. The response did not earn the second point because the antiderivative in line 3 is not correct. The response did not earn the third point because the boxed answer is not correct.