



WESTMINSTER
COLLEGE

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MATHEMATICS PROBLEM OF THE MONTH

April

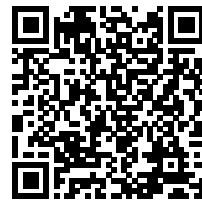
Directions: To be considered a complete solution, you must include your name and Westminster email with all work organized neatly. Place your answer in the folder below or email them to Dr. Jauch by **4:00 PM on the last weekday** of the month. Solutions will be posted next to the following month's problem. At the end of the academic year, the student(s) with the most correct solutions will be treated to dinner with some members of the Mathematics & Physics Department.

Problem

Determine all of the values for c such that

$$\int_c^x g(t) dt = x^3 + 2x^2 - 16x - 32$$

Email Solution:



Digital Copy of problem:

