

Thayer Prize

Dartmouth College's Mathematics Prize Exam for First-Year Students

Saturday
April 27, 2019
10 a.m.- 1:00 p.m.
Kemeny 108



$$\int \frac{x+5}{x^2-2x-3} dx$$
$$\frac{5}{x-3} dx = \int \frac{2}{x-3} dx - \int \frac{1}{x+1} dx$$
$$= 2 \ln|x-3| - \ln|x+1|$$
$$= \ln \frac{(x-3)^2}{x+1} + C$$

Up to \$1000 is
available for prizes.
Creativity and
originality are
weighed heavily.

***A copy of a previous exam is posted in the
Byrne Commons, 100 Kemeny.***

Please contact the Mathematics Department in advance if you
want to take the Thayer Exam but can not take it on
Saturday, April 27