

Thayer Prize

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

***Saturday
May 13, 2017
1 p.m.- 4:00 p.m.
Haldeman 041***



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

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

***A copy of a previous exam is posted in the
Undergraduate Lounge, 100 Kemeny.***

Please contact the Mathematics Department in advance if you
want to take the Thayer Exam but can not take it on
Saturday, May 13