

Math Prize Competition

Department of Mathematics



All undergraduate students are invited to participate. This competition is **not** restricted to math majors. The test questions will assume a very basic knowledge of mathematics up to and including Calculus I.

You need not sign up in advance. Just show up and be prepared to solve problems!

First prize	\$500
Second prize	\$300
Third prize	\$200
Fourth prize	\$100
Fifth prize	\$50



Saturday, October 26, 2019, 9am - 12pm

3309 Rood Hall

For any further questions contact Drs. Patrick Bennett, Andrzej Dudek or David Richter,
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Sample Problem

Suppose $x_1 > y_1 > 0$, and $y_2 > x_2 > 0$. What is the length of the shortest path from (x_1, y_1) to (x_2, y_2) that touches both the x -axis and the y -axis?