

Cal Poly Department of Mathematics

Puzzle of the Week

April 7 - April 20, 2016

A point is chosen (uniformly) at random inside an equilateral triangle. What is the probability that it lies closer to the center of the triangle than it does to any edge?

Solutions should be submitted to Morgan Sherman:

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before the due date above. Those with correct and complete solutions will have their names listed on the puzzle's web site (see below) as well as in the next email announcement. Anybody associated to Cal Poly is welcome to make a submission.

<http://www.calpoly.edu/~sherman1/puzzleoftheweek>