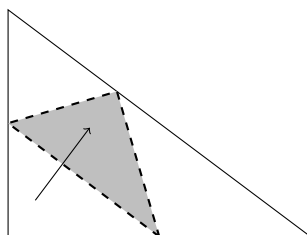


Cal Poly Department of Mathematics

Puzzle of the Week

May 22 - ~~28~~ June 4, 2014

A sheet of paper in the shape of a “3-4-5” right triangle has its right-angled corner folded up until it touches the opposite side. Correct to three decimal places, what is the minimum area of the triangle which is folded up?



Solutions should be submitted to Morgan Sherman:

*Dept. of Mathematics, Cal Poly
Email: sherman1 -AT- calpoly.edu
Office: bldg 25 room 310*

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

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