

# Cal Poly Department of Mathematics

## Puzzle of the Week

Feb 20 - 26, 2009

Fix a line segment  $l$  in the plane. Among all triangles which have  $l$  as longest side one is chosen at random. What is the probability it is obtuse?

*Solutions should be submitted to Morgan Sherman:*

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*before next Friday. Those with correct and complete solutions will have their names listed in next week's email announcement. Anybody is welcome to make a submission.*