

Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

March 19-26

Find the right triangle of minimum perimeter with vertices on the parabola $y=x^2$. Justify your answer.

This contest is sponsored by the Mathematics Department. Open to all CSUN students. Winner gets \$5 or an equivalent prize. All complete and correct solutions get a certificate. **Special prizes will be given to the three people solving the most number of problems correctly during the semester.**

Type and send your solution before March 26th, 9:00PM to silvia.fernandez@csun.edu.

All steps of the solution must be clearly justified.

For rules, winners, solutions, and more information visit: www.csun.edu/math/probweek