

Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

October 10-17

Find all triples (a, b, c) of positive integers with the property that each of a , b , and c divides $a+b+c$.

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.

Type and send your solution before October 17th, 9:00PM to bernardo.abrego@csun.edu.

All steps of the solution must be clearly justified.

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