

## Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

March 20-27

Write 20 as the sum of positive real numbers so that the product is as large as possible.

Explain why the product in your answer is indeed the largest.

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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 March 27th, 9:00PM to [silvia.fernandez@csun.edu](mailto: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](http://www.csun.edu/math/probweek)