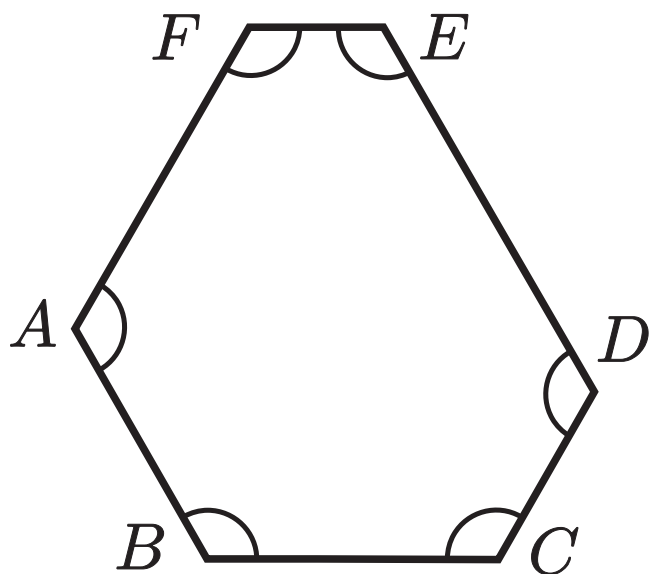


## Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

February 13-20



Let  $ABCDEF$  be an equiangular hexagon, that is an hexagon such that all the internal angles have the same measure.

Show that  $AB + BC = DE + EF$ .

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 February 20th, 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)