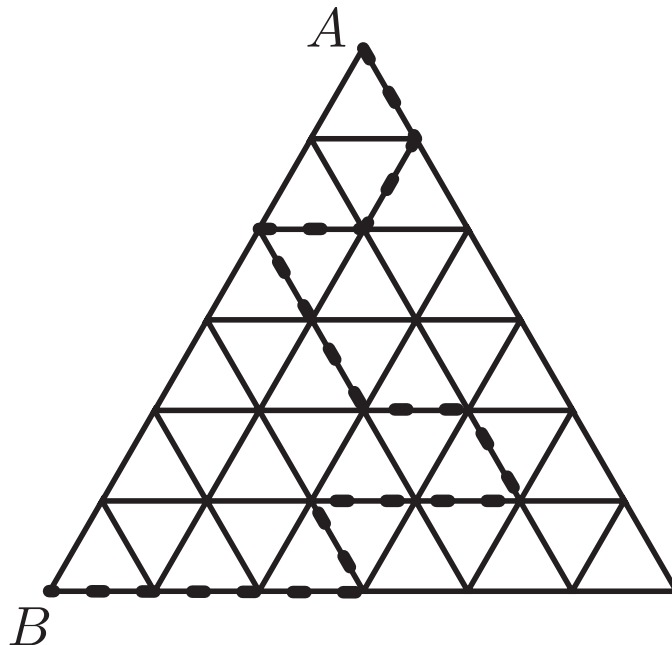


Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

September 5-12



Find how many different ways are there to travel from point A to point B along the lines in the diagram. It is forbidden to go up or to pass through the same spot more than once.

The figure shows a valid path from A to B .

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 September 12th, 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