

Problem 1 (due Monday, February 6)

Consider any collection of 2023 lines on a plane such that no two lines are parallel and no 3 lines share a common point. These lines divide the plane into some number of pieces. Show that at least 1348 of these pieces are triangles.

The problem was solved by Ashton Keith. His solution is essentially the same as our solution. For details see the following link [Solution](#).

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