# Problem E – Ramsy Bolton's Army Game

Ramsay Bolton is going to have a battle with Jon Snow in Winterfell. This battle will be called The Battle of the Bastards. Ramsy is horrible in Math. He has a map with n rows and m columns, and he plans that there will be an army base in each cell for a total of $n*m$ bases. He wants to drop supplies at strategic points on the map, marking each drop point with a red dot. If a base contains at least one package inside or on top of its border fence, then it's considered to be supplied. For example:
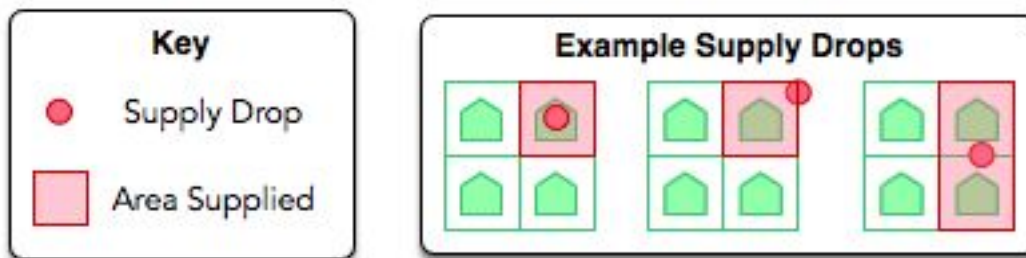
Given n and m, what's the minimum number of packages that Ramsy must drop to supply all of his bases?

Input Format
Two space-separated integers describing the respective values of n and m.

Constraints
- $1 <= n, m <= 1000$

Output Format
Print a single integer denoting the minimum number of supply packages Ramsy must drop.
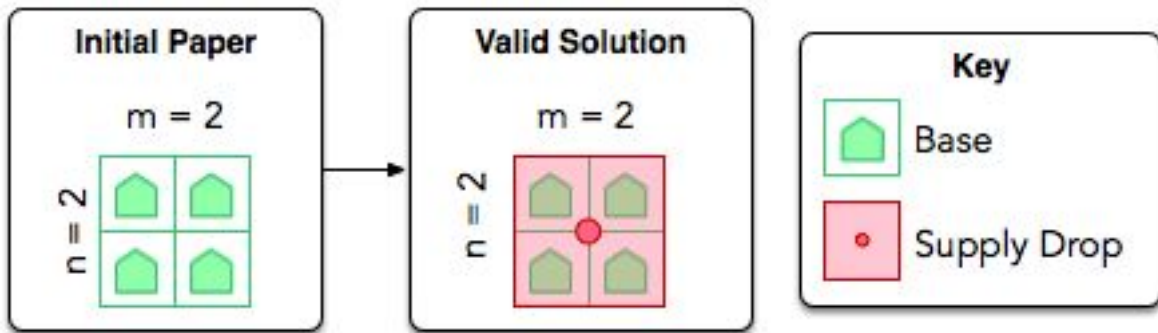
Sample Input
2 2

Sample Output
1

Explanation
Ramsy has four bases in a grid. If he drops a single package where the walls of all four bases intersect, then those four cells can access the package:

Because he managed to supply all four bases with a single supply drop, we print as our answer.