Rectangles

Camp **IT**

Consider the $n * m$ grid of lattice points. How many rectangles are there such that all four corners are lattice points?

Input

The first line will contain 2 integers, n and m ($3 \leqslant n, m \leqslant 400$).
In 40% of the cases $n, m \leqslant 35$.

Output

The first line will contain the answer to the problem, the number of rectangles on the grid.

Example

For the input data: the correct result is:
3 3   10

Explanation

The drawing is self-explanatory.