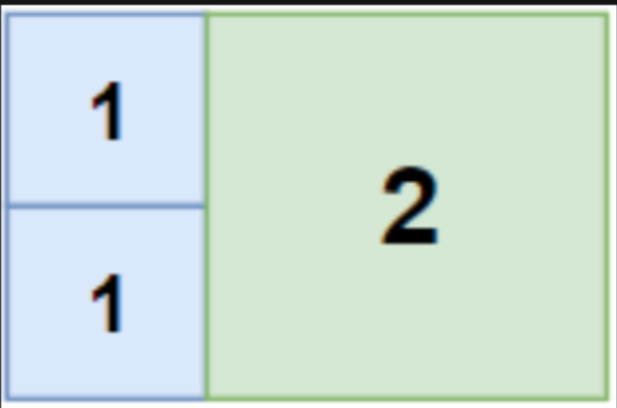


1240. Tiling a Rectangle with the Fewest Squares

Description

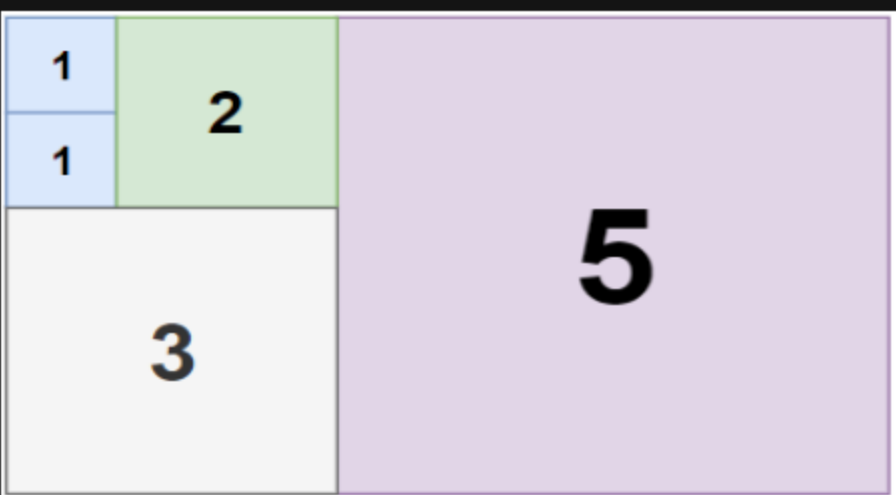
Given a rectangle of size `n` x `m`, return *the minimum number of integer-sided squares that tile the rectangle*.

Example 1:



Input: `n = 2, m = 3`
Output: 3
Explanation: 3 squares are necessary to cover the rectangle.
2 (squares of 1x1)
1 (square of 2x2)

Example 2:



Input: `n = 5, m = 8`
Output: 5

Example 3:



Input: `n = 11, m = 13`
Output: 6

Constraints:

- `1 <= n, m <= 13`

