1183. Maximum Number of Ones

Description

Consider a matrix `M` with dimensions `width * height`, such that every cell has value `0` or `1`, and any **square** sub-matrix of `M` of size `sideLength * sideLength` has at most `maxOnes` ones.

Return the maximum possible number of ones that the matrix `M` can have.

Example 1:

```
Input: width = 3, height = 3, sideLength = 2, maxOnes = 1
Output: 4
Explanation:
In a 3*3 matrix, no 2*2 sub-matrix can have more than 1 one.
The best solution that has 4 ones is:
[1,0,1]
[0,0,0]
[1,0,1]
```

Example 2:

```
Input: width = 3, height = 3, sideLength = 2, maxOnes = 2
Output: 6
Explanation:
[1,0,1]
[1,0,1]
[1,0,1]
```

Constraints:

- `1 <= width, height <= 100`
- `1 <= sideLength <= width, height`
- `0 <= maxOnes <= sideLength * sideLength`