# 13261 Between Ceiling and Floor

Given positive integers m and k, let  $f(x,y) = x \lceil y \sqrt{k} \rceil - y \lfloor x \sqrt{k} \rfloor$ , compute the number of positive integer pairs (a, b) such that f(a, b) = m,  $f(a - b, b) \neq m$ , and  $f(a, b - a) \neq m$  hold simultaneously.

## Input

A number of of inputs ( $\leq 1000$ ) described as follows. Each input is just a single line with m and k ( $0 < m, k \leq 10^{18}$ ).

## Output

For each input, output a line with the number of pairs.

### Sample Input

34 35

35

### Sample Output

0

4