Problem F. Paper Cutting

Time limit	500 ms
Code length Limit	50000 B
OS	Linux

Chef has a **square-shaped** chart paper with the side length equal to N. He wants to cut out $K \times K$ squares from this chart paper.

Find the **maximum** number of $K \times K$ squares he can cut from the entire chart paper.

Note that, some part of the chart paper might not be a included in any $K \times K$ cutout square.

Input Format

- The first line contains a single integer T — the number of test cases. Then the test cases follow.
- The first and only line of each test case contains two space-separated integers N and K — the side length of the entire chart paper and the side length of the cutout squares.

Output Format

For each test case, output on a new line the **maximum** number of $K \times K$ squares Chef can cut from the entire chart paper.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq K \leq N \leq 1000$

Sample 1

Input	Output
3 5 1 2 2 5 2	25 1 4

Test case 1: Chef can cut out 25 squares of size 1×1 from the entire 5×5 chart paper.

Test case 2: Chef can cut out 1 square of size 2×2 from the entire 2×2 chart paper.

Test case 3: Chef can cut out 4 squares of size 2×2 from the entire 5×5 chart paper.