

Problem Y

Y OH Y!

File name: `Y.{java,c,cpp}`

Wolfgang would like to bake an apple pie, so he went to the market and bought a bunch, but the salesman didn't have any spare baskets, so Wolfgang has to run home to grab baskets.

If Wolfgang bought n apples, and his baskets, which are identical, can each hold m apples, how many baskets does he need to contain all the apples? Of course he doesn't want to carry more baskets than absolutely necessary.



Program Input

The input will contain the number of test cases t ($1 \leq t \leq 100$) on the first line. Each of the t lines that follow will contain two integers, $n m$ ($1 \leq n, m \leq 1000$).

Program Output

For each test case, output a single line containing the number of baskets needed.

Sample Input & Output

INPUT	OUTPUT
2	2
4 2	3
6 2	