

# Problem B

## Triangulate This!

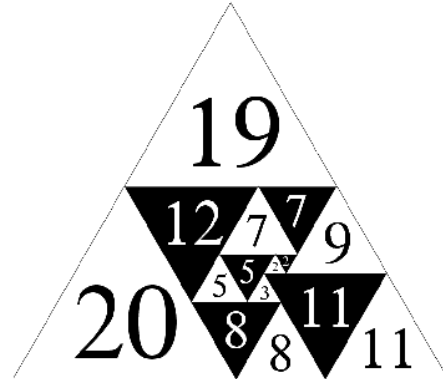
Time Limit: 2 seconds

Given two positive integers  $A$  and  $B$ , where  $B \leq A$  and  $B$  divides  $A$ , how many equilateral triangles of size  $B$  you need to completely cover the triangle of size  $A$ .

### Input

The test file starts with an integer  $T$  ( $T \leq 100$ ), the number of test cases.

Each test case consists of two integers  $A$  and  $B$  on a line. ( $1 \leq B \leq A \leq 1,000, B|A$ )



### Output

For each test case, output the minimum number of equilateral triangles with side  $B$  that can completely cover the equilateral triangle with side  $A$ .

Sample Input	Sample Output
2	4
2 1	1
3 3	