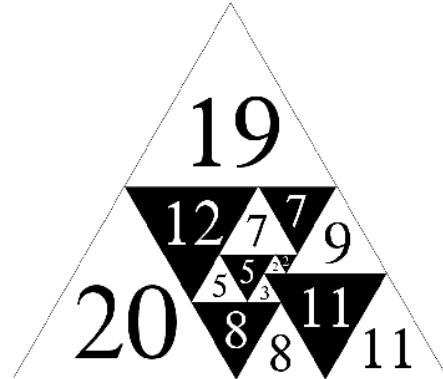# Problem A
Triangulate This!
Time Limit: 2 seconds

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 $T(T \leq 1000)$, the number of test cases.

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

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	