Code : CUT | Problem 7 | Score : 150

1 X 1

Problem :

Aman receives chocolate (having m*n small bars) on his birthday. He plans on eating them during the party only but his mother keeps a condition for allowance.

She asks him if you are to divide your chocolate in small 1 * 1 bars, how many cuts (both horizontally and vertically) will be required. You being Aman's friend decide to help him out.

Input :

The first line of the input contains an integer T denoting the number of test cases. The description of T test cases follows.The next input value will contain the number of horizontal bars(m) and vertical bars (n).

Output :

You need to find the least number of cuts needed to be made to divide it into 1*1 bars.

Sample :

Input :

1 //Number Of Test Cases

32

17

Output :

543

Explanation :

For the above case, Aman will require 543 cuts to be made so as to divide the complete chocolate into 1*1 bars.

Scoring :

There will be 5 test case, valued 30 points.