

## Problem Statement

Martha is interviewing at Subway. One of the rounds of the interview requires her to cut a bread of size  $l \times b$  into smaller identical pieces such that each piece is a square having maximum possible side length with no left over piece of bread.

## Input format

The first line contains an integer  $T$ .  $T$  lines follow. Each line contains two space separated integers  $l$  and  $b$  which denote length and breadth of the bread.

## Output format

$T$  lines, each containing an integer that denotes the number of squares of maximum size, when the bread is cut as per the given condition.

## Constraints

```
1 <= T <= 1000
1 <= l, b <= 1000
```

## Sample Input

```
2
2 2
6 9
```

## Sample Output

```
1
6
```

## Explanation

The 1<sup>st</sup> testcase has a bread whose original dimensions are  $2 \times 2$ , the bread is uncut and is a square. Hence the answer is 1.

The 2<sup>nd</sup> testcase has a bread of size  $6 \times 9$ . We can cut it into 54 squares of size  $1 \times 1$ , 0 of size  $2 \times 2$ , 6 of size  $3 \times 3$ , 0 of size  $4 \times 4$ , 0 of size  $5 \times 5$  and 0 of size  $6 \times 6$ . The number of squares of maximum size that can be cut is 6.