12888   Count LCM

LCM is an abbreviation used for **L**east **C**ommon **M**ultiple in Mathematics. We say $LCM(a, b) = L$ if and only if L is the least integer which is divisible by both a and b.

You will be given N, M. You have to count number of pair (i, j) such that $LCM(i, j) = i \times j$, where $1 \leq i \leq N$ and $1 \leq j \leq M$.

Input

Input starts with an integer T (≤ 1000), denoting the number of test cases.

Each case starts with a line containing two integers N, M ($1 \leq N, M \leq 10^9$, and **the minimum of them** $\min(N, M) \leq 10^6$).

Output

For each case, print number of such pair.

Sample Input

```
3
1 2
4 2
3 5
```

Sample Output

```
2
6
12
```