Unfriendly Numbers

Given 1 *friendly* number and n *unfriendly* numbers, determine how many numbers are divisors of the friendly number but *not* the unfriendly numbers.

Input Format

The first line contains 2 space-separated integers, n (the number of unfriendly numbers) and f (the friendly number), respectively. The second line contains n space-separated unfriendly numbers.

Constraints

- $1 \leq n \leq 10^6$
- $1 \leq f \leq 10^{13}$
- $1 \leq \textit{unfriendly numbers} \leq 10^{18}$

Output Format

Print the the number of unique divisors of f (i.e.: divisors that are not shared with those of the unfriendly numbers) as a single integer.

Sample Input

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8 16
2 5 7 4 3 8 3 18
```

Sample Output

```
1
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Explanation

There are $n = 8$ unfriendly numbers: $2, 5, 7, 4, 3, 8, 3, 18$.
Our friendly number, f, is 16, and its even divisors are $1, 2, 4, 8, 16$.

Let $\textit{count}$ be the number of friendly divisors that are not also unfriendly divisors. Let's determine which divisors of f are not also divisors of the unfriendly numbers:

- 1 is a divisor of all unfriendly numbers, so we disregard it.
- 2 is a divisor of unfriendly numbers 2, 4, and 8, so we disregard it.
- 4 is a divisor of unfriendly numbers 4 and 8, so we disregard it.
- 8 is a divisor of unfriendly number 8, so we disregard it.
- 16 is not a divisor of any unfriendly number, so we increment $\textit{count}$ to 1.

As there are no more friendly divisors to check, we print the value of $\textit{count}$ (which is 1) on a new line.