Task Divisors

A sequence of **n** integers, each no greater than 1000 (by absolute value), is given. Write program **divisors**, which finds how many of the given integers have the following property: the integer is divided exactly by **m** positive divisors (each divisor should not be equal to 1, or to the integer itself).

Input
The first line of the standard input contains the values of **n** and **m**. The second line contains the given sequence of integers.

Output
The standard output has to contain one integer - the amount of the elements of the given sequence, which have exactly **m** distinct divisors.

Constraints:
$1 \leq n \leq 200$
$1 \leq m \leq 10$

Example:
Input:
```
7 4
6 20 12 64 1024 50 24
```

Output:
```
3
```

Explanation: The elements of the given sequence with exactly 4 divisors are 20, 12 and 50.