Challenge 3 (Day 2)

Sebin is the best Samosa maker in CodeCity and due to this, his Samosa's popularity grew. It grew so much that he was not able to make enough for everyone.

So Abin, his friend, came up with an idea. He gave a unique number to all the customers and thought that the customer's whose number is divisible by 2 and by 3 are eligible to buy their product. But if the unique number is divisible by 5, then that customer is not eligible to buy his product.

Sebin and Abin appoint Vipin (their new Marketing Executive) to sell the Samosas. When a customer comes to buy the product, they show their unique number and then Vipin accordingly decides whether to sell to him or not. A customer can come any number of times.

Help them in finding the total number of different customers who are eligible to buy the Samosas.

Input Format

- First line will contain N, the number of customers.
- Next line will contain N integers, the unique number given to each customer.

Constraints

- $1 \leq N \leq 100000$
- $2 \leq A[i] \leq 1000000000$

Output Format

Output total number of different (unique) customers who are eligible.

Sample Input 0

```
5
2 3 6 50 9
```

Sample Output 0

```
1
```

Sample Input 1

```
8
12 7 42 30 5 9 6 3
```

Sample Output 1

```
3
```