**Distinct Numbers**

In many scenarios, there can be duplicates of certain input. Too many duplicates of the same thing could take up way too much storage. If we fill up, we won’t have enough space for distinct inputs!

Here, we need the number of unique numbers so that we know exactly how much storage we need to have. Given the amount, **N**, print out the number of unique numbers.

**Input:** The first line of input contains **N**, the amount of numbers. The next line is **N** numbers.

**Output:** The output will be the number of distinct numbers.

**Example Input:**

5

2 2 3 2 3

**Example Output:**

2