LOTTERY

We say that a winning lottery number is *suspicious* if it contains at most 4 distinct digits. You are given several winning lottery numbers (each with exactly 6 digits). For example,

- 565566 is suspicious because it contains only 2 distinct digits: 5 and 6.
- 820981 is not suspicious because it contains 5 distinct digits: 0, 1, 2, 8, and 9.

Count the number of suspicious winning lottery numbers.

Input

The first line contains an integer N ($1 \leqslant N \leqslant 1\,000$), the number of winning lottery numbers. Each of the following N lines is a winning lottery number containing exactly 6 digits (0–9).

Output

Output the count of suspicious winning lottery numbers.

Example

Input	Output
5 565566 820981 529524 110443 639500	3

In the example, 565566, 529524, and 110443 are suspicious.