

Minimum Draws



Problem Statement

Jim is off to a party and is searching for a matching pair of socks. His drawer is filled with socks, each pair of a different color. In its worst case scenario, how many socks (x) should Jim remove from his drawer after which he finds a matching pair?

Input Format

The first line contains the number of test cases T.
Next T lines contains an integer N which indicates the total pairs of socks present in the drawer.

Output Format

Print the number of Draws (x) Jim makes in the worst case scenario.

Constraints

$1 \leq T \leq 1000$
 $0 < N < 10^6$

Sample Input

```
2
1
2
```

Sample Output

```
2
3
```

Explanation

Case 1 : A pair of socks are present, hence exactly 2 draws for the socks to match.
Case 2 : 2 pair of socks are present in the drawer. The first and the second draw might result in 2 socks of different color. The 3rd socks picked will definitely match one of previously picked socks. Hence, 3.