Minimum Cars required

A single car can accommodate at most 4 people.

N friends want to go to a restaurant for a party. Find the **minimum** number of cars required to accommodate all the friends.

Input Format

- The first line contains a single integer T - the number of test cases. Then the test cases follow.
- The first and only line of each test case contains an integer N - denoting the number of friends.

Output Format

For each test case, output the minimum number of cars required to accommodate all the friends.

Constraints

- $1 \leq T \leq 1000$
- $2 \leq N \leq 1000$

Sample 1:

Input	Output
4 4 2 7 98	1 1 2 25

Explanation:

Test Case 1**:** There are only 4 friends and a single car can accommodate 4 people. Thus, only 1 car is required.

Test Case 2**:** There are only 2 friends and a single car can accommodate 4 people. Thus, only 1 car is required

Test Case 3**:** There are 7 friends and 2 cars can accommodate 8 people. Thus, 2 cars are required.