Leap Year

A leap year is a year that is divisible by 4 and not divisible by 100 with the exception that year are divisible by 400, which also a leap year. You task is to compute the maximum number of leap year that can occur in a duration of time.

Format Input
The input begins with an integer T indicating the number of test cases. In each test case, there is an integer N indicating the duration of time (in days).

Format Output
For each test case, output the maximum number of leap year.

Constraints
1 <= T <= 10
1 <= N <= 100,000

Sample Input	Sample Output
3 1 100 1460	Case #1: 1 Case #2: 1 Case #3: 2