

Romeo Vs Raj

Romeo and Raj were friends. Raj have no Idea that Romeo is in love with Juliet. Once Raj saw Juliet at a market and fell in love with her. Romeo came to know about this and felt bad. Romeo and Raj were very good friends and they don't want to hurt each other, at the same time they both loved Juliet very much and can't live without her. So they decided to play a one over cricket match and the one who score more runs will be the winner. Raj won the toss and elected to bat and scored n runs. Romeo was also very good at batting and he was sure that he can win the match by facing least number of balls possible. But he needs know the number of ways in which he can win the match.

The possible runs he can score in one ball is 0, 1, 2, 3, 4, 6.

Both Raj and Romeo were very good at bowling too and they will never bowl extras.

Input Format:

First Line of the input contains T, no of test cases and next T lines contains a number n, the number of runs scored by Raj.

Output Format:

For each test case output the answer in a newline

Sample Input:

2
1
7

Sample Output:

1
2

Constraints:

$1 \leq T \leq 1000000$

n will be given in such a way that Romeo will have a chance to win.