Chocolate Chocolate!

Saima a little girl has **N** tk. She will buy chocolate with her N tk. Each chocolate price is **5 tk**. After buying the chocolates, the salesman told her that if she returned **3 wrappers** of chocolates, she would get **1 chocolate**. Now find out how many chocolates she can get with her N tk.

Suppose, she has 45 tk.

She will buy 9 chocolates with 45 tk.

Then she will return those 9 wrappers of her 9 chocolates.

Then she will get another 3 chocolates for returning 9 wrappers.

Then she will again return those 3 wrappers of 3 chocolates.

Then she will get another 1 chocolate for returning 3 wrappers.

So, she can get 9 + 3 + 1 = 13 chocolates for 45 tk.

You must solve this problem using recursion.

Input Format

The first line contains an integer **T** denoting test cases. Each test case has a single line containing a single integer **N**, (The amount of money she has).

Constraints

$0 < T < 10^3$

$0 < N < 10^7$

Output Format

Print how many chocolates she can get with her N tk.

Sample Input 0

```
3
45
48
50
```

Sample Output 0

```
13
13
14
```