2616 - Easy Change

Description

Shawn decides to give up his career in IT and turn to sell fruits. Since Shawn is a lazy guy, he doesn't like to do any extra work. When he starts selling fruits, he finds that he always needs to take changes for customers. He wants you to write a program to give the least number of changes. Shawn is also a strange guy, because he takes changes by 6,5,3,1.

Input specification

The first line of input is a integer number T which indicates the amount of cases. Each of the following T lines contains a integer n ($1 <= n <= 10^5$), which is the total money Shawn need to give to the customer.

Output specification

For each case, output "Case i: Result" in one line where i is the case number and Result is the least number of changes Shawn need to give customer.

Sample input

```
3
4
10
19
```

Sample output

```
Case 1: 2
Case 2: 2
Case 3: 4
```

Hint(s)

Case 1: 4=3+1
Case 2: 10=5+5
Case 3: 19=6+6+6+1

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Added by	**lgvallejo**
Addition date	2013-11-11
Time limit (ms)	30000
Test limit (ms)	3000
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text