Find The Number

Problem Statement :

The sequence of odd numbers can be written as 1 , 3 , 5 , 7 , 9 , 11 , 13 ……………..n . My friend Iffat can find the positions of odd numbers but she is unable to find value of the odd numbers according to their positions. For example,

Odd Number	Position of Odd Number
3	2
5	3
7	4

Now given a position and you have to find out corresponding odd number.

Input :

The input contains an integer **T** (1 ≤ **T** ≤ 1000) number of test cases. Second line input is **N** (0 < **N** ≤ 10^{16}) that indicates the odd number of position.

Output :

For each case, print the case number and the number in **N** position. See the sample input/output for exact formatting.

Sample Input/Output:

Sample Input	Sample Output
3	Case 1: 3
2	Case 2: 9
5	Case 3: 13
7	

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