## Problem

A robot's initial position is $(0, 0)$ and it can only move along X-axis. It has $N$ moves to make and in each move, it will select one of the following options:

1. Go to $(X - 1, 0)$ from $(X, 0)$
2. Go to $(X + 1, 0)$ from $(X, 0)$
3. Remain at its current position

Your task is to calculate $\sum(abs(X) + abs(Y))$ for all reachable $(X, Y)$.

**Note**: Here, $abs$ denotes the absolute value.

See the sample explanation for better understanding.

### Input format

- The first line contains $T$ denoting the number of test cases.
- The first line of each test case containing an integer $N$ denoting the number of moves.

### Output format

Print $T$ lines. For each test case, print a single integer as described in the problem statement.

### Constraints

$1 \leq T \leq 20000$

$1 \leq N \leq 1e9$

| Sample Input | Sample Output |
| --- | --- |
| 1<br>1 | 2 |

Time Limit: 1

Memory Limit: 256

Source Limit: