See Through The Lattice

LATTICE

Consider a 3-D latice having opposite corners at (0,0,0) and (n,n,n). You have to find that how many lattice points are visible from (0,0,0). A lattice point 'p' is visible from another lattice point 'q' if there is no other lattice point lies on the segment joining 'p' and 'q'.

Input
First line contains the number of test cases T and each test case consist an integer n.
T<=100 and 1<=n<=100

Output
T lines, one corresponding to each testcase.

EXAMPLE:

Input:
```
4
1
4
7
25
```

Output:
```
7
91
415
14497
```