Problem Link:

<https://codeforces.com/problemset/problem/1353/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **using** ll = **long** **long**;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* ll n;
* cin >> n;
* ll res = 0;
* **for**(ll i = 1; i <= n / 2; ++i)
* {
* res += i \* i \* 8;
* }
* cout << res << **"\n"**;
* }
* **return** 0;
* }