Problem Link:

<https://codeforces.com/problemset/problem/1985/B>

Solution:

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