Problem Link:

<https://codeforces.com/problemset/problem/1490/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **long** **long** x;
* cin >> x;
* **bool** f = **false**;
* **for**(**long** **long** a = 1; a \* a \* a < x; ++a)
* {
* **long** **long** a3 = a \* a \* a;
* **long** **long** b3 = x - a3;
* **if**(b3 <= 0)
* **continue**;
* **long** **long** b = cbrt(b3);
* **for**(**long** **long** i = b - 2; i <= b + 2; ++i)
* {
* **if**(i > 0 && i \* i \* i == b3)
* {
* f = **true**;
* **break**;
* }
* }
* **if**(f)
* **break**;
* }
* cout << (f ? **"YES"** : **"NO"**) << **"\n"**;
* }
* }