Problem Link:

<https://codeforces.com/problemset/problem/2008/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** a, b;
* cin >> a >> b;
* **int** s = a + 2 \* b;
* **if**(s % 2 != 0)
* {
* cout << **"NO\n"**;
* }
* **else**
* {
* **int** h = s / 2;
* **bool** f = **false**;
* **for**(**int** i = 0; i <= b; ++i)
* {
* **int** j = i \* 2;
* **if**(h - j <= a && h - j >= 0)
* {
* f = **true**;
* **break**;
* }
* }
* cout << (f ? **"YES\n"** : **"NO\n"**);
* }
* }
* **return** 0;
* }