Problem Link:

<https://codeforces.com/problemset/problem/1472/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** w, h, n;
* cin >> w >> h >> n;
* **int** c = 1;
* **while**(w % 2 == 0)
* {
* w /= 2;
* c \*= 2;
* }
* **while**(h % 2 == 0)
* {
* h /= 2;
* c \*= 2;
* }
* **if**(c >= n)
* cout << **"YES\n"**;
* **else**
* cout << **"NO\n"**;
* }
* **return** 0;
* }