Problem Link:

<https://codeforces.com/problemset/problem/1337/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** x, n, m;
* cin >> x >> n >> m;
* **while**(n > 0 && x > 20)
* {
* x = x / 2 + 10;
* n--;
* }
* x -= m \* 10;
* cout << (x <= 0 ? **"YES\n"** : **"NO\n"**);
* }
* **return** 0;
* }