Problem Link:

<https://codeforces.com/problemset/problem/270/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **for**(**int** i=0;i<t;++i)
* {
* **int** a;
* cin >> a;
* **if**(360%(180-a)==0)
* {
* **int** n = 360/(180-a);
* **if**(n>=3)
* {
* cout << **"YES\n"**;
* }
* **else**
* {
* cout << **"NO\n"**;
* }
* }
* **else**
* {
* cout << **"NO\n"**;
* }
* }
* **return** 0;
* }