Problem Link:

<https://codeforces.com/problemset/problem/1538/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* cin >> n;
* **vector<int>** v(n);
* **for**(**int** i = 0; i < n; i++)
* cin >> v[i];
* **int** mn = \*min\_element(v.begin(), v.end());
* **int** mx = \*max\_element(v.begin(), v.end());
* **int** mini = find(v.begin(), v.end(), mn) - v.begin();
* **int** maxi = find(v.begin(), v.end(), mx) - v.begin();
* **int** l = max(mini, maxi) + 1;
* **int** r = max(n - mini, n - maxi);
* **int** c = min(mini, maxi) + 1 + n - max(mini, maxi);
* cout << min({l, r, c}) << **"\n"**;
* }
* }