Problem Link:

<https://codeforces.com/problemset/problem/124/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** n, a, b;
* cin >> n >> a >> b;
* **int** l = max(a + 1, n - b);
* **int** u = n;
* **if**(l > u)
* {
* cout << 0 << **"\n"**;
* }
* **else**
* {
* cout << u - l + 1 << **"\n"**;
* }
* **return** 0;
* }