Problem Link:

<https://codeforces.com/problemset/problem/1426/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, x;
* cin >> n >> x;
* **if**(n <= 2)
* {
* cout << 1 << **"\n"**;
* }
* **else**
* {
* cout << ((n - 3) / x + 2) << **"\n"**;
* }
* }
* **return** 0;
* }