Common elements

Given three sorted arrays in non-decreasing order, print the number of common elements in these arrays.

Input Format:

First line contains the number of test cases, T.

Each test case has 3 lines. Each line has a number N followed by N numbers.

Output Format:

Output the number of common elements of the three arrays.

Constraints:

$1 <= T <= 10$

$1 <= N <= 100000$

$1 <= A[i] <= 10^9$

Time Limit : 1 sec

Memory Limit : 256 MB

Sample Input:
```
2
6 1 5 10 20 40 80
5 6 7 20 80 100
8 3 4 15 20 30 70 80 120
3 1 5 5
5 3 4 5 5 10
4 5 5 10 20
```
Sample Output:
```
2
2
```