Problem Statement

You are given three arrays X, Y and Z of size A,B and C respectively.Also, all three arrays are sorted in non-decreasing order. Find i, j, k such that : 0 <= i < A, 0 <= j < B, 0 <= k < C and max(abs(X[i] - Y[j]), abs(Y[j] - Z[k]), abs(Z[k] - X[i])) is minimized. Your task is to return the minimum of all the max(abs(X[i] - Y[j]), abs(Y[j] - Z[k]), abs(Z[k] - X[i]))

Note:

```
1. All the arrays are sorted in non-decreasing order.
2. abs(x) denotes the absolute value of x, i.e. if x<0, the abs function returns
(-x) so that the final value of x becomes positive.
```

Input Format:

```
The first line of the input contains an integer T, denoting the number of test
cases.

The first line of each test case contains the integer A, denoting the size of the
X array.

The second line of each test case contains A space-separated integers denoting the
array X elements.

The third line of each test case contains the integer B, denoting the size of the
Y array.

The fourth line of each test case contains B space-separated integers denoting the
array Y elements.

The fifth line of each test case contains the integer C, denoting the size of the
Z array.

The sixth line of each test case contains C space-separated integers denoting the
array Z elements.
```

Output Format:

```
For each test case, every line of output prints the minimum of the above
condition.
```

Note :

```
You do not need to print anything, it has already been taken care of. Just
implement the given function.
```

Constraints:

```
1 <= T <=  100
1 <= A,B,C <= 10^4
1 <= X[i] <= 10^4
1 <= Y[i] <= 10^4
1 <= Z[i] <= 10^4


Time Limit: 1 sec
```

Sample Input 1:

```
1
5
1 2 3 4 5
5
1 3 5 7 9
3
2 4 6
```

Sample Output 1:

```
1
```

Explanation For Sample Input 1:

```
For firstestcase :
One of the possible answer is choose i = 0, j = 0 and k = 1.
Thus it will 1 answer.
```

Sample Input 2:

```
1
4
1 1 1 1
4
2 2 2 2
5
7 7 7 7 7
```

Sample Output 2:

```
6
```