# 1842 - Distance of Manhattan

## Description

Given two integer coordinates points in the plane (X, Y), can you determine the Distance of Manhattan between them? Remember, the Distance of Manhattan between two points is the difference between the Xs, plus the difference between the Ys :)

## Input specification

First line contains an integer **1 <= T <= 10^4** which is the number of test cases. Following this **T**-cases exist. Each test case consist of four integer numbers **X1** , **Y1**, **X2**, and **Y2**... on a line by itself denoting the coordinates of the points. The values for the coordinates of all points, will be always between **-10^4** and **10^4**.

## Output specification

For each test case output a single line with one integer number: the Distance of Manhattan between the given points.

## Sample input

```
3
2 3 4 5
6 7 8 3
2 8 6 4
```

## Sample output

```
4
6
8
```

## Hint(s)

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|---|---|
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