

# Connecting three towns (variation)

Given three towns find the point for which the summary distance to all towns is minimal.  
Wanted are the accurate coordinates  $\pm 10^{-6}$ .

## Input

In the first line the number T ( $T < 100$ ) of test cases. Then T lines with the space separated coordinates (integer  $0 \leq x, y \leq 100$ ) of the three towns.

## Output

For each test case the coordinates of the above specified point.

## Example

### Input:

```
2
2 2 1 1 2 1
1 0 0 2 1
```

### Output:

```
1.788675 1.211324
1 0
```