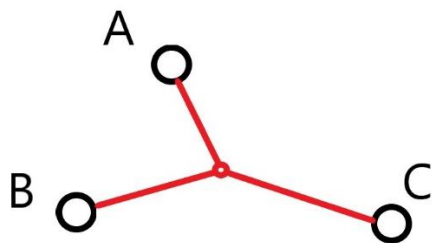


## Electrifying Mars

You are a Chief architect and you have been allotted a task of setting up electricity supply to already existing colonies on Mars. Being a PICTian you have found out a Super Conductor which allows efficient supply of electricity

Every colony consists of 3 buildings. You have to place a electricity tower somewhere around these three buildings and connect every building with a super conductor cable.

As this Super Conductor is expensive it is your job to minimize the use of this superconductor for every given triplet



A, B, C represent the 3 buildings. The red circle in the center represents the electricity tower which you have placed. The red lines represent the super conductor wires.

### Input format

First line contains number of test cases T

The next T lines contain X1 Y1 X2 Y2 X3 Y3 (the coordinates of three buildings)

### Output Format

Print the coordinates of the Electricity tower

X Y (space separated)

Hint: Use Concepts of fermat-torricelli Point