

**b)** Plot the points on the grid and join them with straight lines.





**a)** Plot the points on the grid and join them with straight lines.









Here are the coordinates of two vertices of a square.



**a)** Plot the points on the grid.



**b)** What could the coordinates of the other two vertices be?



Compare answers with a partner.

How many different possible answers can you find?

Two squares are drawn on a grid.

Here are the coordinates of the vertices of each square.

Square A (1, 1) (1, 3) (3, 3) (3, 1)

- Square B (2, 2) (2, 4) (4, 4) (4, 2)
- a) Do you think that the squares will overlap? \_\_\_\_\_
- **b)** Draw on a grid to check your answer.



Two vertices of a triangle are shown on the grid.



- if the triangle is right-angled.
- if the triangle is isosceles.

Compare answers with a partner.

The coordinates of one vertex of a square are (10, 10). Give possible coordinates for the other three vertices.



How many different answers can you find?



