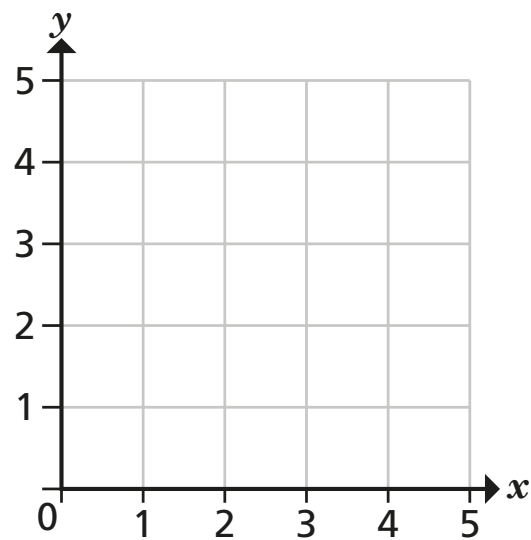


3 Here are the coordinates of the vertices of a rectangle.

- (1, 1)
- (5, 1)
- (1, 3)
- (5, 3)

Draw the rectangle on the grid.



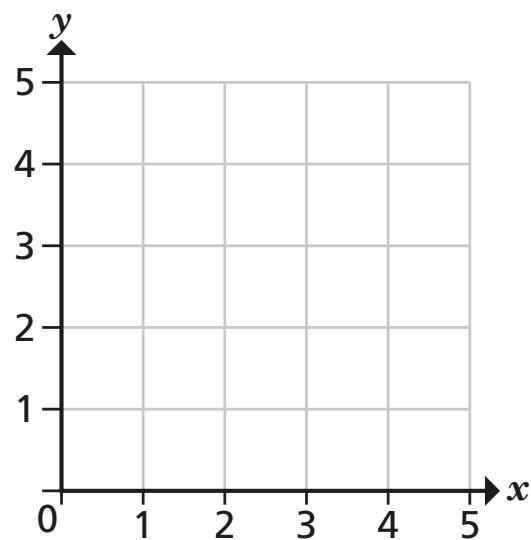
4 Two squares are drawn on a grid.

Here are the coordinates of the vertices of each square.

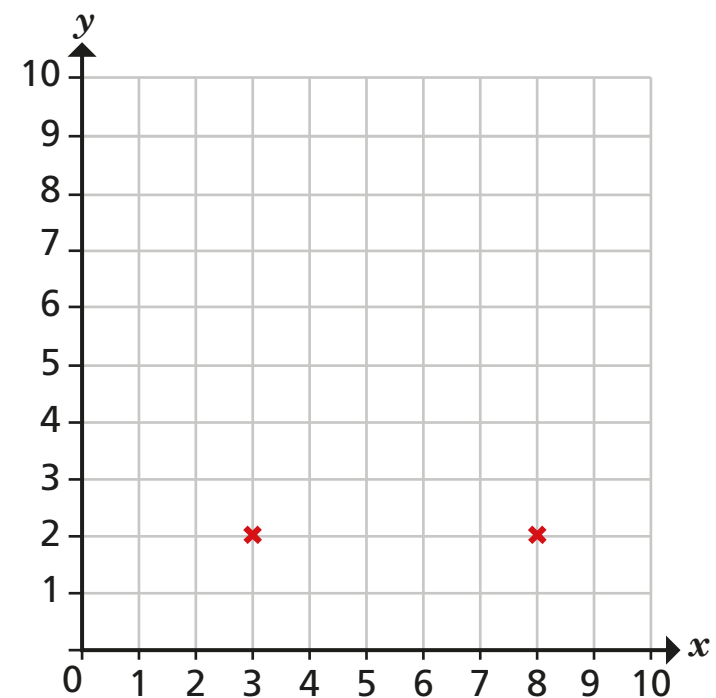
Square A (1, 1) (1, 3) (3, 3) (3, 1)

Square B (2, 2) (2, 4) (4, 4) (4, 2)

- a) Do you think the squares will overlap? _____
- b) Draw on the grid to check your answer.



5 Two vertices of a triangle are shown on the grid.



- a) What are the coordinates of the two vertices shown?
(,) and (,)
- b) Give a possible coordinate for the third vertex, if the triangle is right-angled.
(,)
- c) Give a possible coordinate for the third vertex, if the triangle is isosceles.
(,)

Compare answers with a partner.

6 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?