1
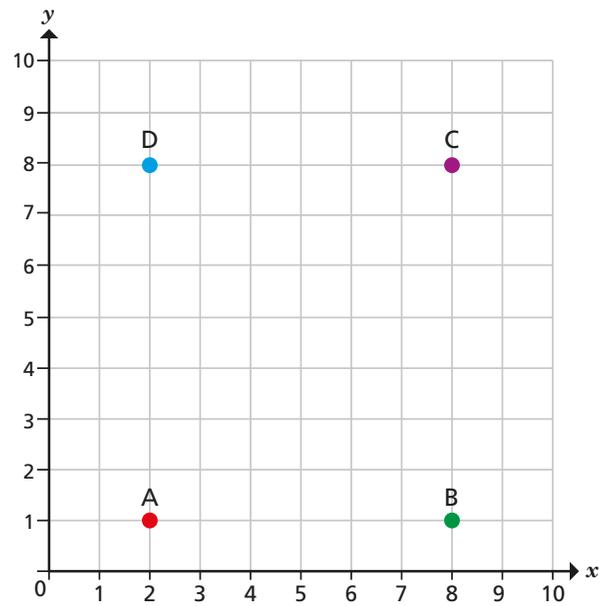

a) Write the coordinates of the points A, B, C and D.

b) Draw lines to join the points A to D to form a rectangle.

c) Write the coordinates of 4 different points in each column of the table.

Inside the rectangle	Outside the rectangle	On the perimeter of the rectangle
(5, 3)		

2 Here are coordinates for three vertices of a rectangle.

(3, 6)   (7, 3)   (7, 6)

a) Plot the coordinates on a blank cordinate grid.

b) Write the coordinates of the fourth vertex.

3 Here are coordinates for two vertices of a square.
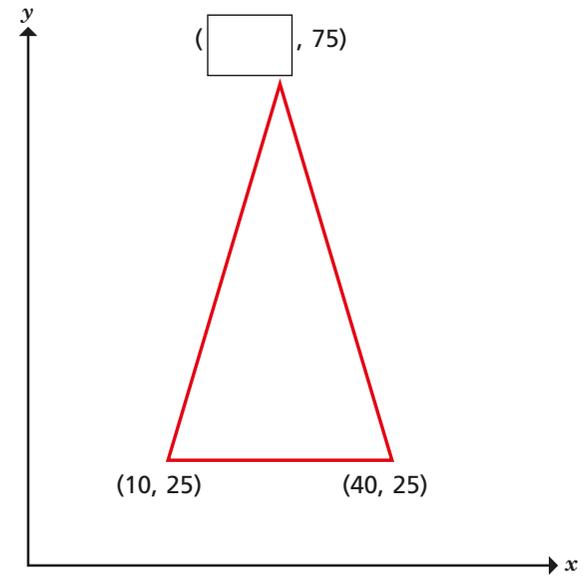
(5, 2)   (5, 6)

What could the coordinates of the other two vertices be?

Give two possible solutions.

4 a) Write a set of coordinates that would join to make a right-angled triangle.

b) Write a set of coordinates that would join to make a pentagon.

c) Write a set of coordinates that would join to make a trapezium.

d) Plot your points from parts a), b) and c) on a blank coordinate grid to check you are correct.

Compare shapes with a partner.

What is the same? What is different?

5 Complete the coordinate for the isosceles triangle.

3 Here are coordinates for two vertices of a square.

(5, 2)   (5, 6)

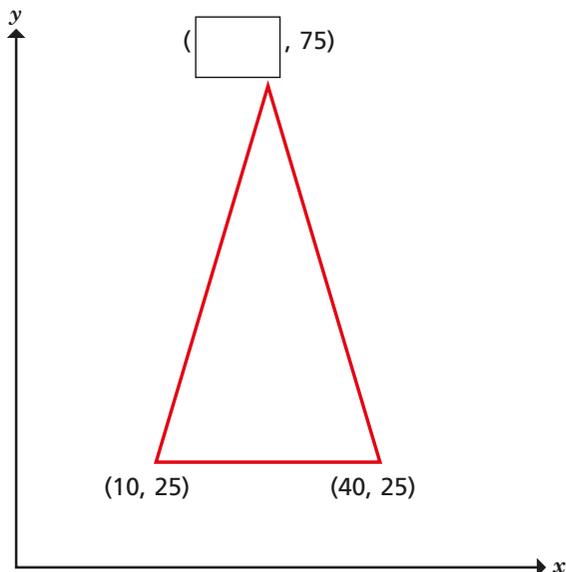What could the coordinates of the other two vertices be?

Give two possible solutions.

4 **a)** Write a set of coordinates that would join to make a right-angled triangle.

b) Write a set of coordinates that would join to make a pentagon.

c) Write a set of coordinates that would join to make a trapezium.

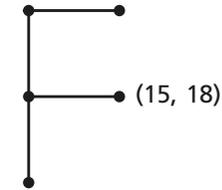**d)** Plot your points from parts a), b) and c) on a blank coordinate grid to check you are correct.

Compare shapes with a partner.

What is the same? What is different?

5 Complete the coordinate for the isosceles triangle.

(☐ , 75)

(10, 25)   (40, 25)

6 Eva has drawn an F on a coordinate grid. One point is labelled.

Suggest possible values for the other points and label them on the diagram.

(15, 18)

Compare answers with a partner.

Is there more than one possible set of answers?