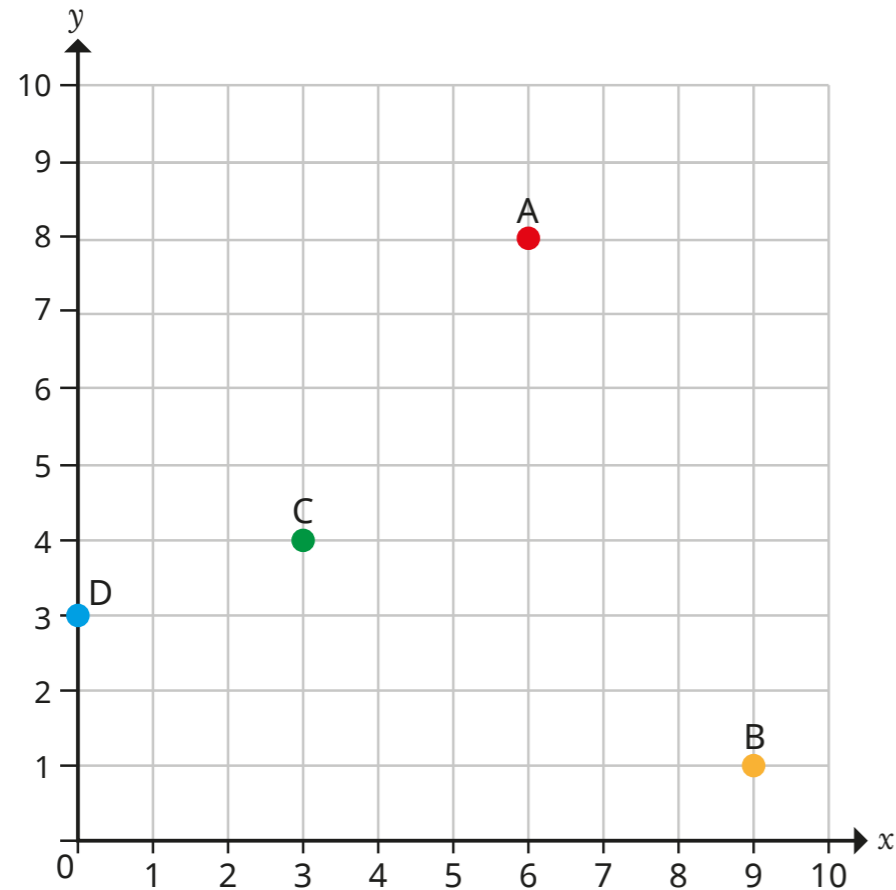


The first quadrant

1 Four points are plotted on the coordinate grid.



a) Write the coordinates of each point.

A (,)

C (,)

B (,)

D (,)

Points E, F, G and H have these coordinates.

E (7, 6)

F (2, 9)

G (10, 10)

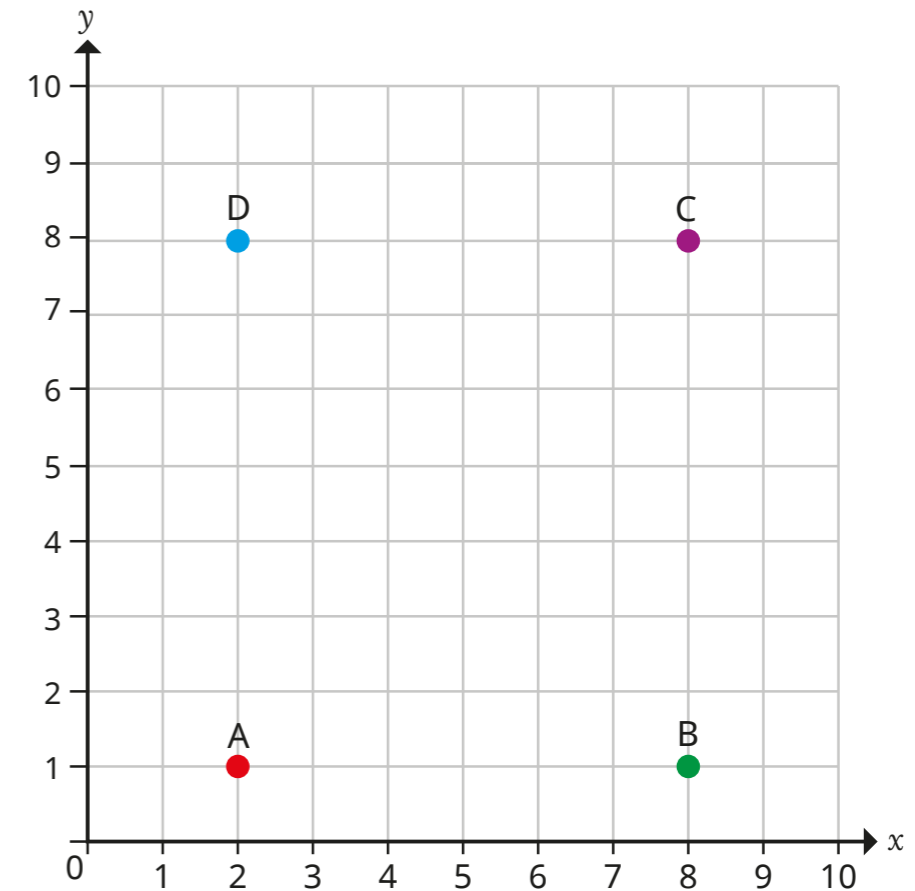
H (5, 0)

b) Plot and label points E, F, G and H on the coordinate grid.

Which did you find the hardest to plot?



2



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

A (,)

C (,)

B (,)

D (,)

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

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

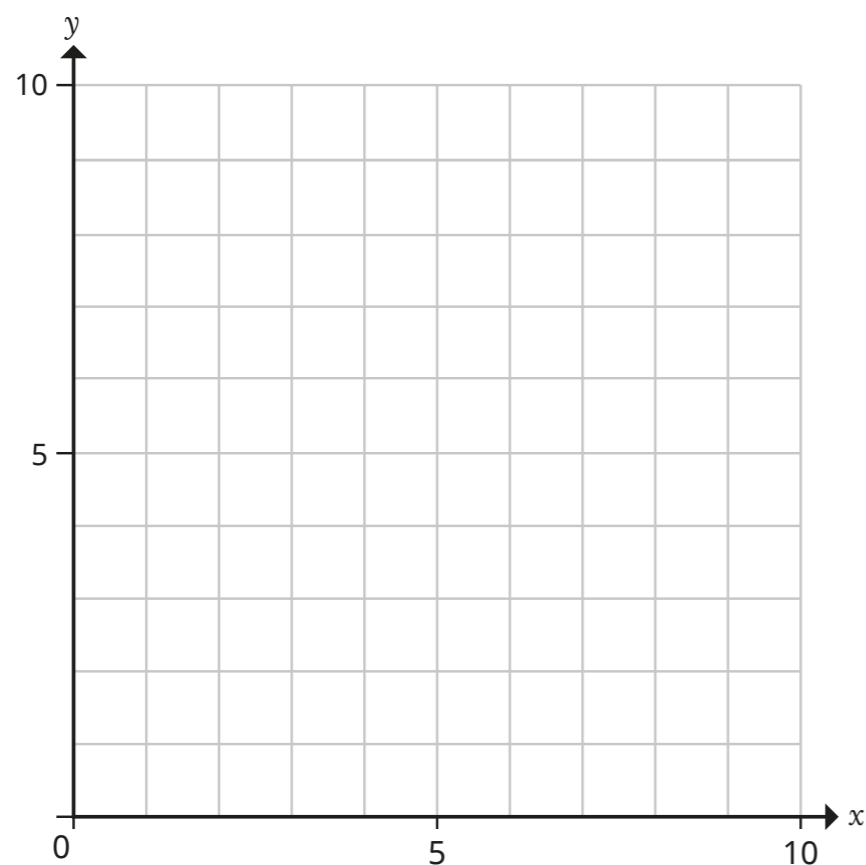
Inside the rectangle	Outside the rectangle	On the perimeter of the rectangle
(5, 3)		



- 3 Here are coordinates for three vertices of a rectangle.

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

a) Plot the coordinates.



b) Write the coordinates of the fourth vertex.

(,)

- 4 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.

(,) and (,)

(,) and (,)



- 5 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 coordinate grid to check that you are correct.

- 6 Complete the coordinate for the isosceles triangle.

