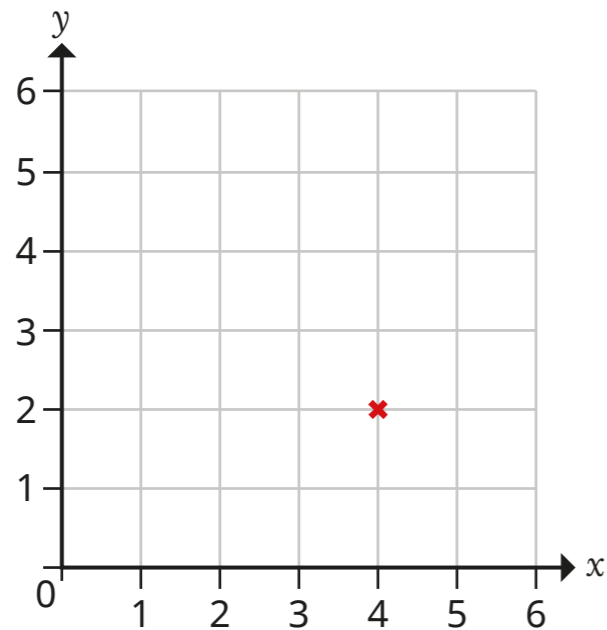


Plot coordinates



- 1 The point (4, 2) has been plotted on the grid.



- a) Use the words to help you complete the sentences.

up

along

The x -value is

This is how far _____ the x -axis the point is.

The y -value is

This is how far _____ the y -axis the point is.

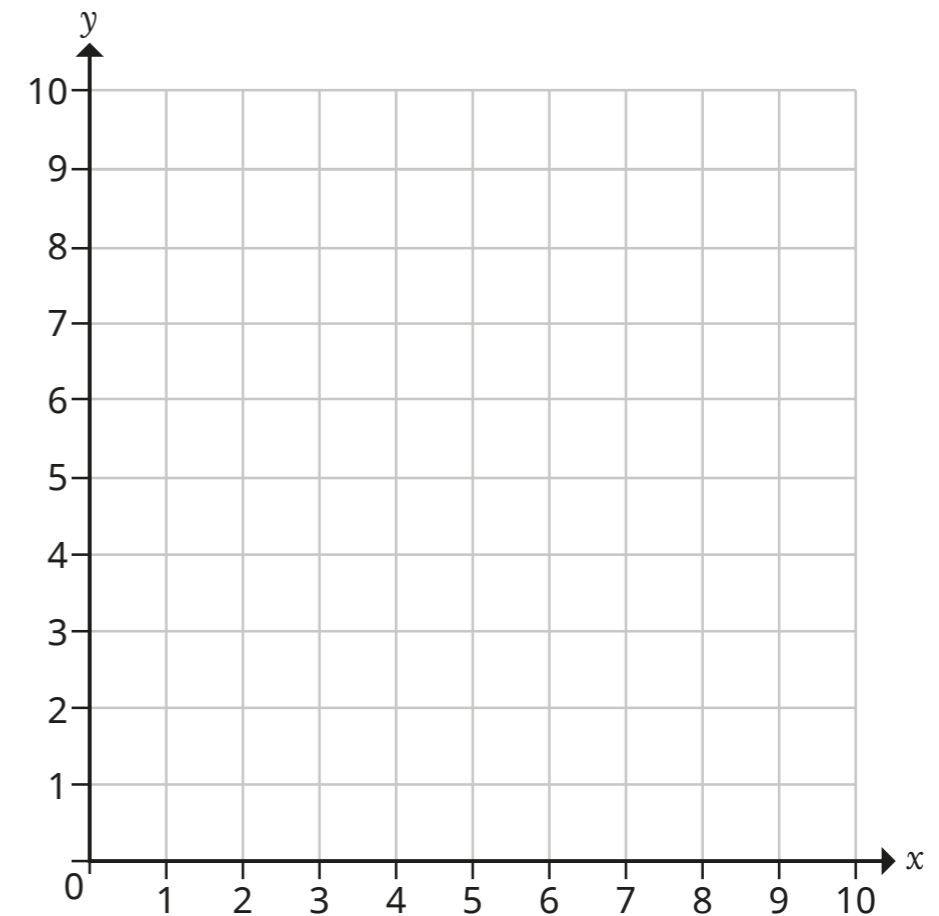
- b) Plot the point (3, 1) on the grid.

Label it A.

- c) Plot the point (1, 3) on the grid.

Label it B.

- 2 Here is a coordinate grid.



- a) The cards show the coordinates of six points.

A (4, 4)

B (2, 3)

C (6, 4)

D (10, 8)

E (8, 7)

F (7, 8)

Plot and label the points on the grid.

- b) Plot and label the points on the grid.

G (0, 5)

H (9, 0)

What do you notice about these points?

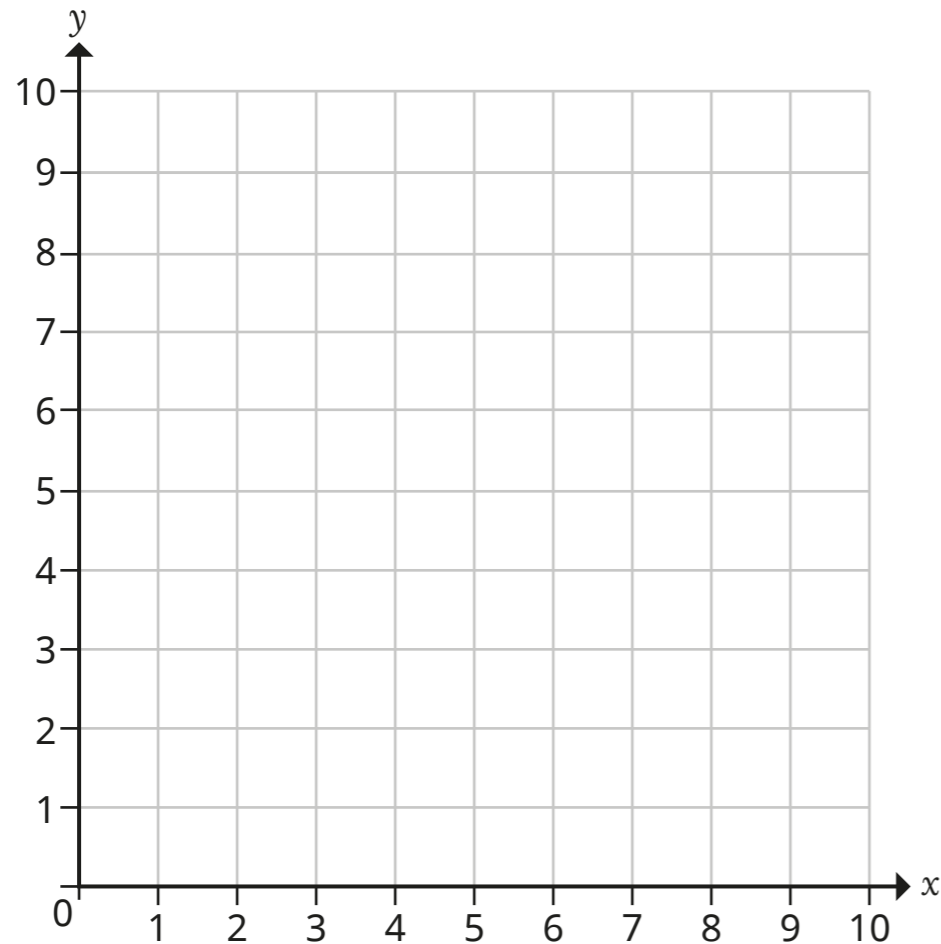




3 Here are the coordinates of three points.

X (1, 3) Y (2, 5) Z (3, 7)

a) Plot and label the points on the grid.



b) Join up the points.

What do you notice?

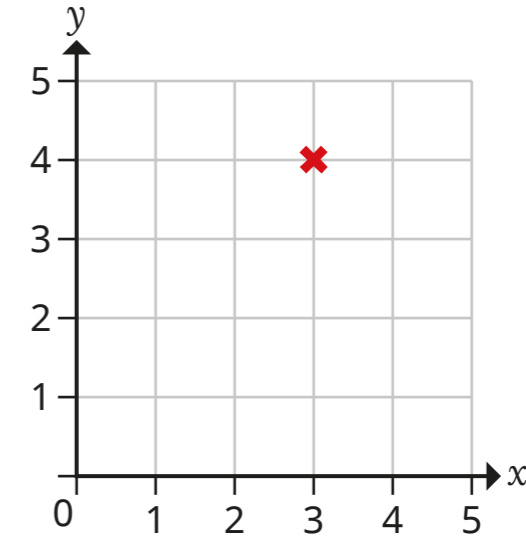
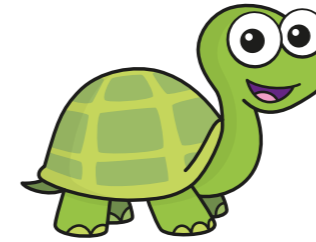
c) Write the coordinates of two other points that fit this pattern.

(,) and (,)

Compare answers with a partner.



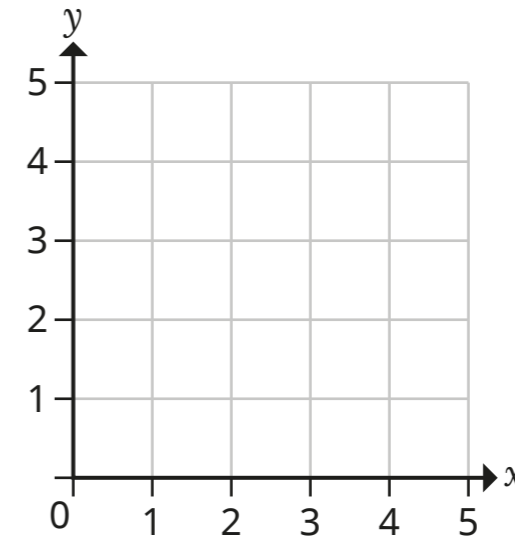
4 Tiny is plotting the point (4, 3).



a) What mistake has Tiny made?

b) Plot the correct position of (4, 3) on the grid.

5



a) Plot the points (1, 1) and (1, 5) on the grid.

Join the points with a straight line.

b) Draw another line parallel to the first line.

What do you notice about the coordinates of points on this new line?

Compare answers with a partner.

