

This week we are recapping position and direction

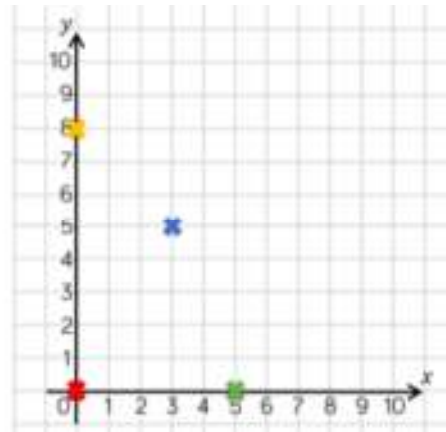
LO: To plot and read coordinates in the first quadrant (bronze).

1)

Write the coordinates for the points shown.

✕ (__, __) ✕ (__, __)

✕ (__, __) ✕ (__, __)



2)

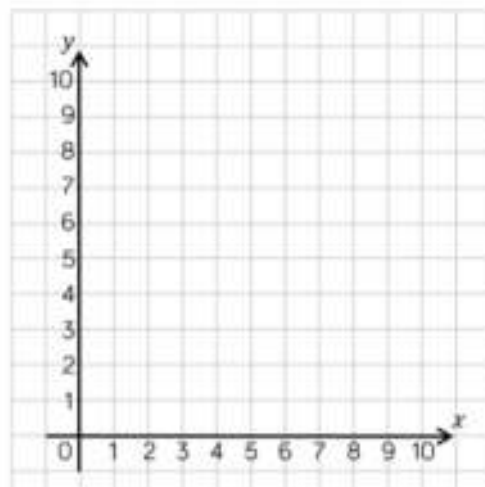
Plot the following points on the grid.

(3, 5)

(4, 4)

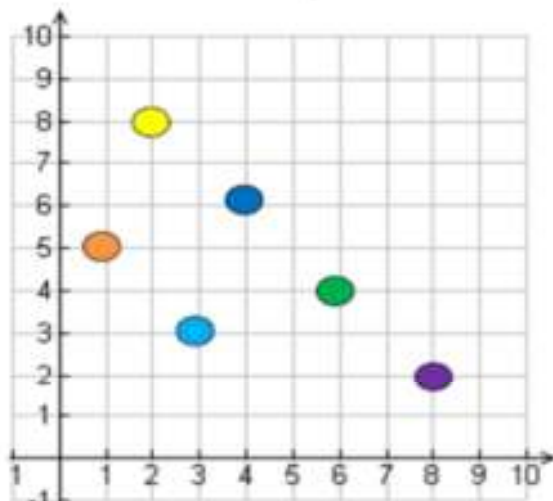
(0, 2)

(4, 0)



3)

Beth draws a map of her town.

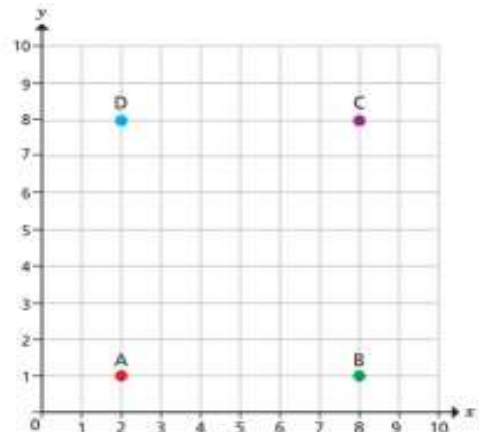


Key:
● My house ● School
● Shop ● Cinema
● Park ● Ice rink

What is at these co-ordinates?

a) (3,3) b) (6,4)

4)



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 4 different points in each column of the table.

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

This week we are recapping position and direction

LO: To plot and read coordinates in the first quadrant (silver).

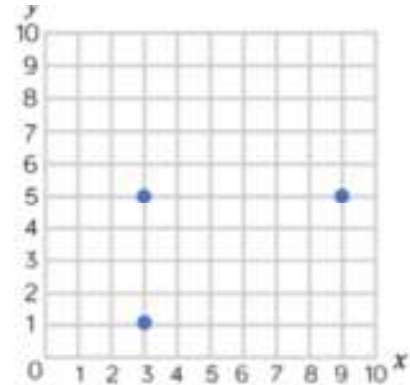
1)

Whitney plots three coordinates.
Write down the coordinates of
points A, B and C.

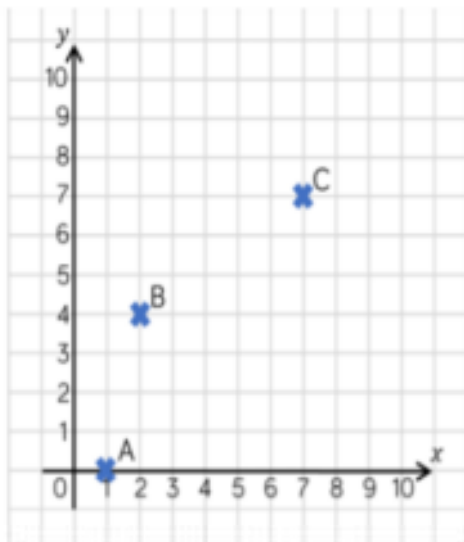


2)

Tommy is drawing a rectangle on a grid.
Plot the final vertex of the rectangle.
Write the coordinate of the final
vertex.



3)



Which clue matches which coordinate?

Clue 1

My x coordinate is half of my
 y coordinate.

Clue 2

My y coordinate is less than
my x coordinate.

Clue 3

Both my coordinates are
prime numbers.

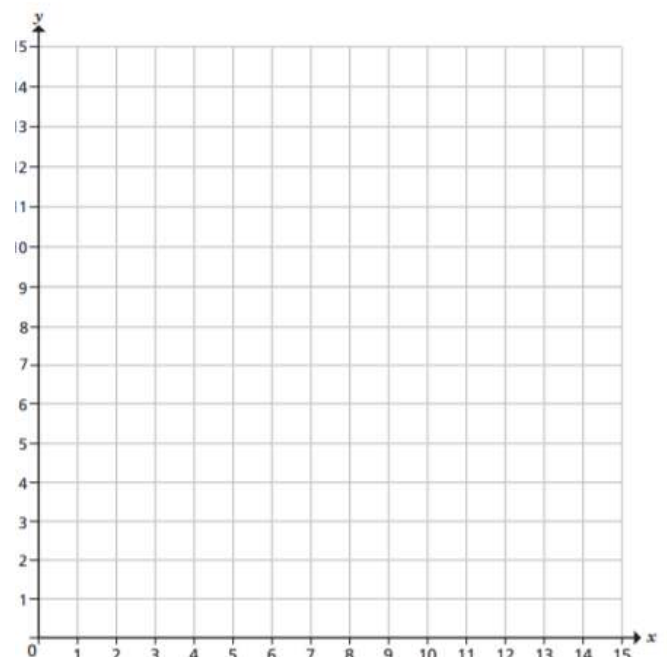
4)

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) to check you are correct.

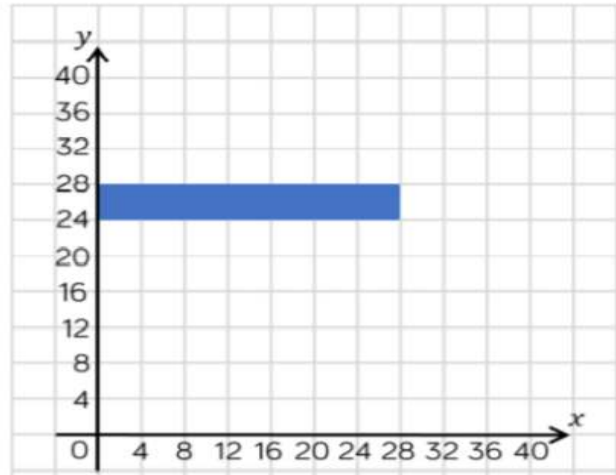


This week we are recapping position and direction

LO: To plot and read coordinates in the first quadrant (gold).

1) What are the coordinates of the vertices of the rectangle?

(,) (,)
 (,) (,)



2)

Here are coordinates for two vertices of a square.

(5, 2) (5, 6)

What could the coordinates of the other two vertices be?

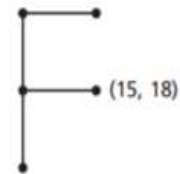
Give two possible solutions.

(,) and (,)

(,) and (,)

3)

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.

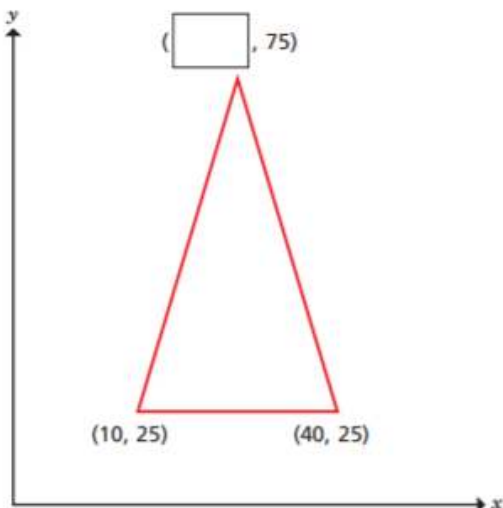


Compare answers with a partner.

Is there more than one possible set of answers?

4)

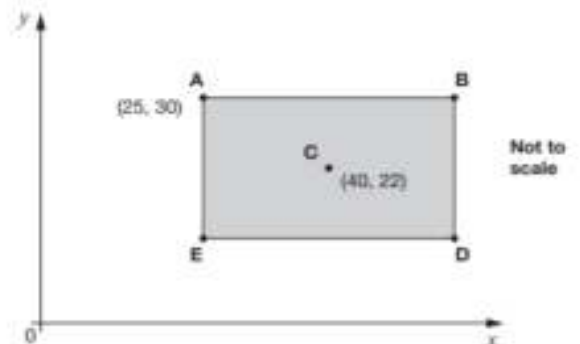
Complete the coordinate for the isosceles triangle.



5)

ABDE is a rectangle on coordinate axes.

The sides of the rectangle are parallel to the axes.



Point C is the centre of the rectangle.

What are the coordinates of B and D?

B is (,)

D is (,)

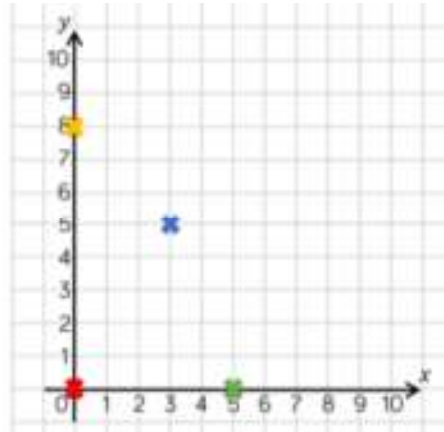
This week we are recapping position and direction

LO: To plot and read coordinates in the first quadrant (bronze)-answers.

1)

Write the coordinates for the points shown.

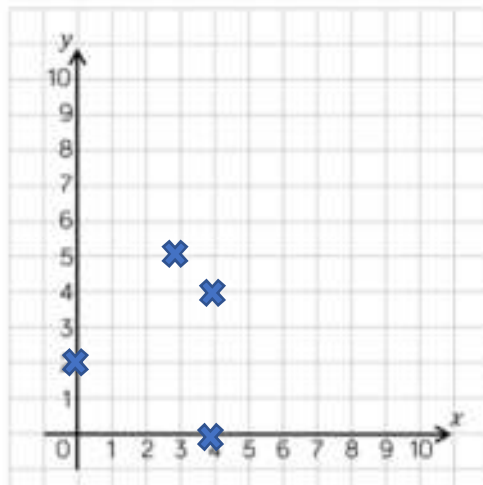
✕ ((0,8)) ✕ ((3,5))
✕ ((0,0)) ✕ ((5,0))



2)

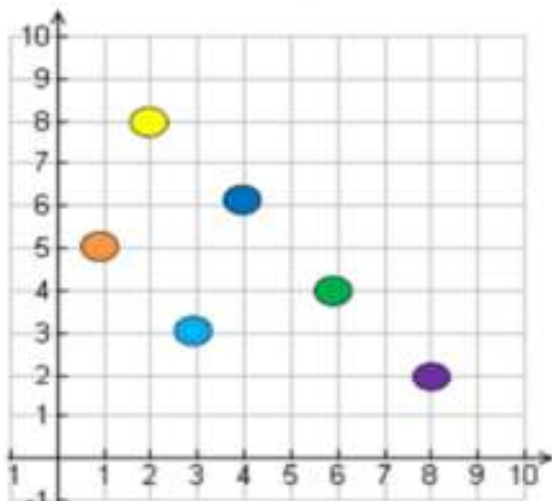
Plot the following points on the grid.

(3, 5)
(4, 4)
(0, 2)
(4, 0)



3)

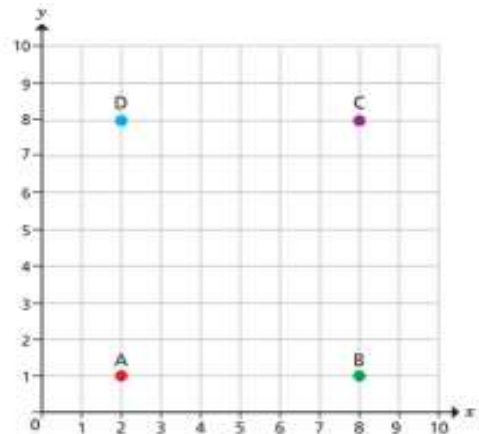
Beth draws a map of her town.



Key: ● My house ● School
● Shop ● Cinema
● Park ● Ice rink

What are the coordinates of the shop and Ice rink?
 a) (3,3) b) (6,4)

4)



a) Write the coordinates of the points A, B, C and D.
 A ((2,1)) C ((8,8))
 B ((8,1)) D ((2,8))

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)	Answers will vary	

This week we are recapping position and direction

LO: To plot and read coordinates in the first quadrant (silver)-answers.

1)

Whitney plots three coordinates.
Write down the coordinates of points A, B and C.

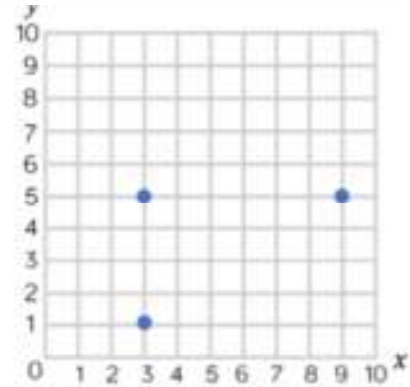
A=(5,5) B=(0,9) C=(9,0)



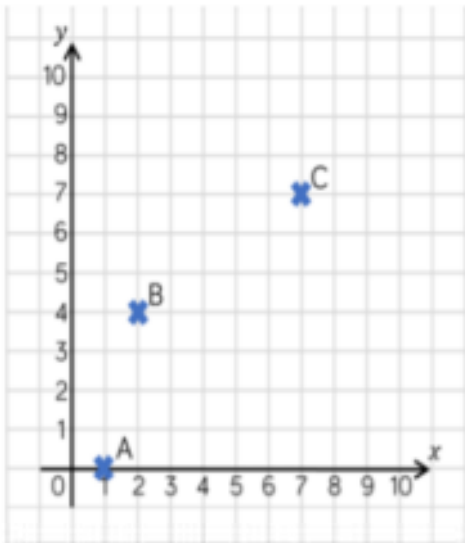
2)

Tommy is drawing a rectangle on a grid.
Plot the final vertex of the rectangle.
Write the coordinate of the final vertex.

(9,1)



3)



Which clue matches which coordinate?

- Clue 1 My x coordinate is half of my y coordinate. **B**
- Clue 2 My y coordinate is less than my x coordinate. **A**
- Clue 3 Both my coordinates are prime numbers. **C**

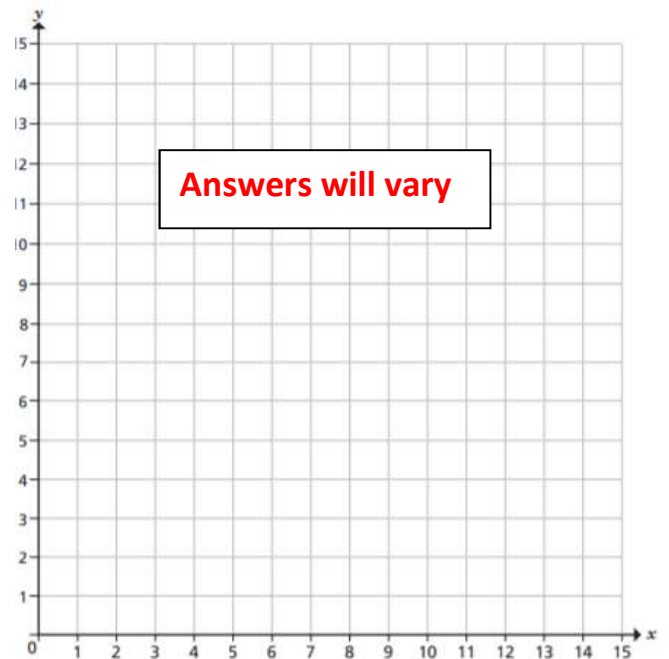
4)

- 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) to check you are correct.

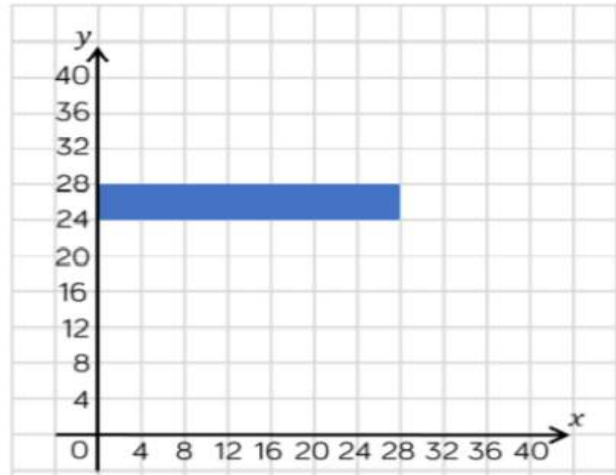


This week we are recapping position and direction

LO: To plot and read coordinates in the first quadrant (gold)-answers.

1) What are the coordinates of the vertices of the rectangle?

(0,28) (28,28)
(0,24) (28,24)



2) Here are coordinates for two vertices of a square.

(5, 2) (5, 6)

What could the coordinates of the other two vertices be?

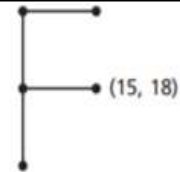
Give two possible solutions.

(9,2) and (9,6)

(1,2) and (1,6)

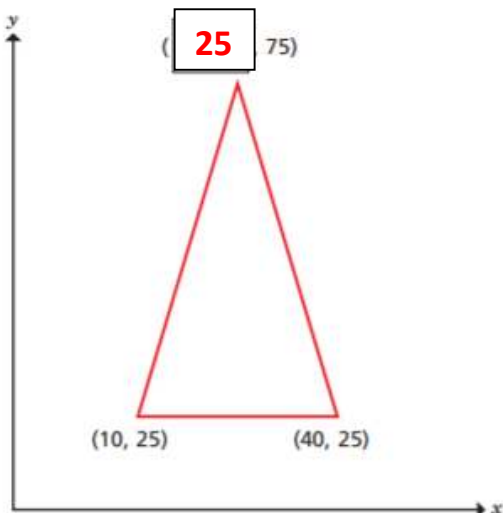
3) Eva has drawn an F on a coordinate grid. One point is labelled. Suggest possible values for the other points and label them on the diagram.

Answers will vary

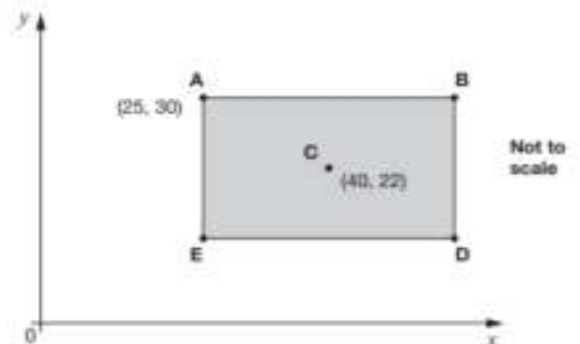


Compare answers with a partner. Is there more than one possible set of answers?

4) Complete the coordinate for the isosceles triangle.



5) ABDE is a rectangle on coordinate axes. The sides of the rectangle are parallel to the axes.



Point C is the centre of the rectangle.

What are the coordinates of B and D?

B is (55,30)
D is (55,14)