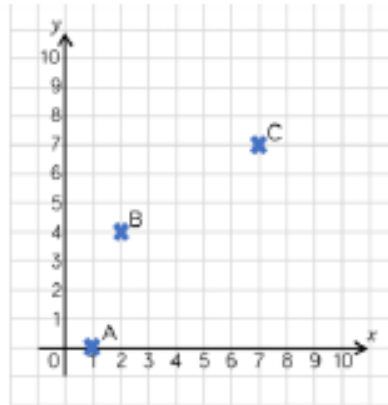


Monday Challenge

Challenge:



Which clue matches which coordinate?

Clue 1

My x coordinate is half of my y coordinate.

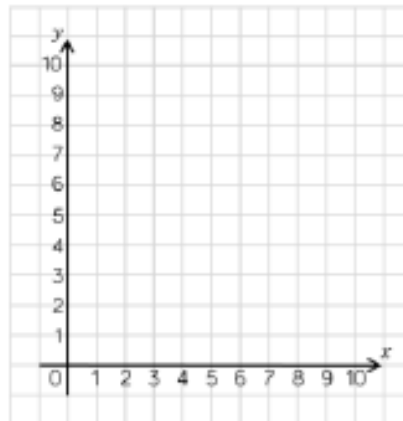
Clue 2

My y coordinate is less than my x coordinate.

Clue 3

Both my coordinates are prime numbers.

Challenge 2:



Annie is finding co-ordinates where the x -coordinate and the y -coordinate add up to 8.

For example: (3, 5) $3 + 5 = 8$

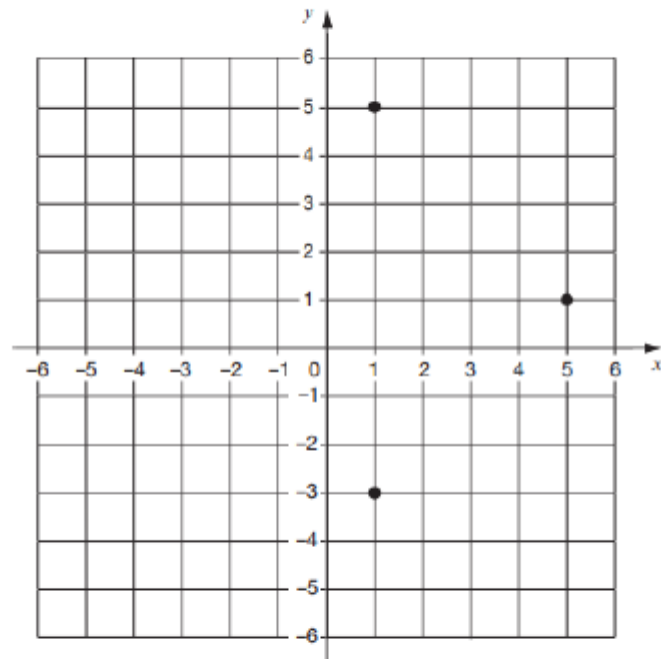
Find all of Annie's coordinates and plot them on the grid. What do you notice?

Tuesday Challenge

Challenge:

Layla draws a **square** on this coordinate grid.

Three of the vertices are marked.



What are the coordinates of the missing vertex?

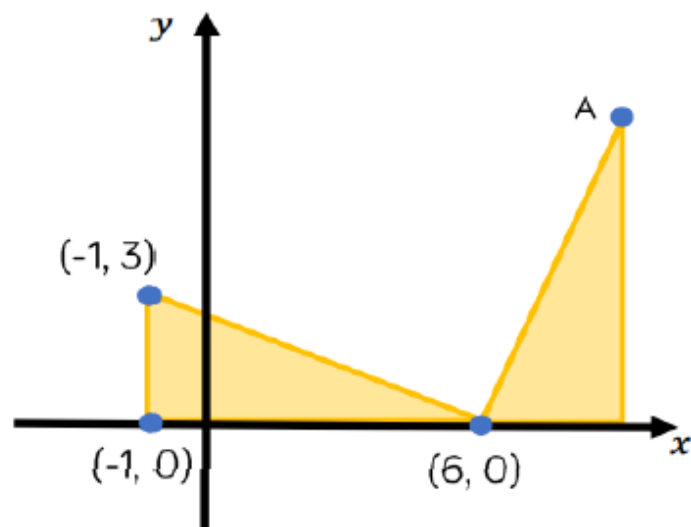
(,)

Challenge 2:

The diagram shows two identical triangles.

The coordinates of three points are shown.

Find the coordinates of point A.

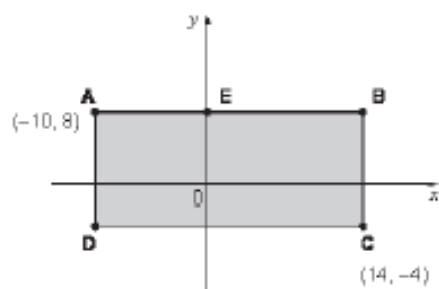


Thursday Challenge

Challenge 4:

ABCD is a rectangle drawn on coordinate axes.

The sides of the rectangle are parallel to the axes.



What are the coordinates of **D** and **E**?

D is (,)

E is (,)