

14/7/20 - Maths

Skill: Drawing on a Grid - varied fluency & reasoning

*First, complete the PowerPoint document attached.

Fluency:

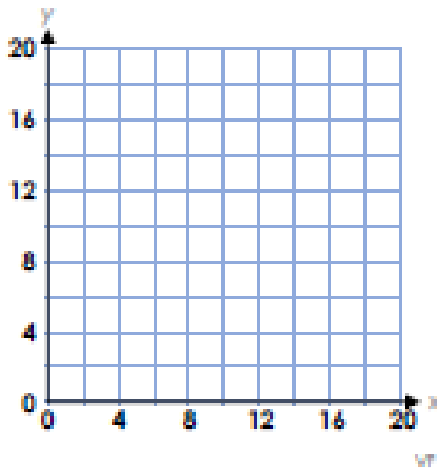
7a. Plot the points for the coordinates on the grid.

(8, 5)

(14, 10)

(16, 16)

(9, 14)



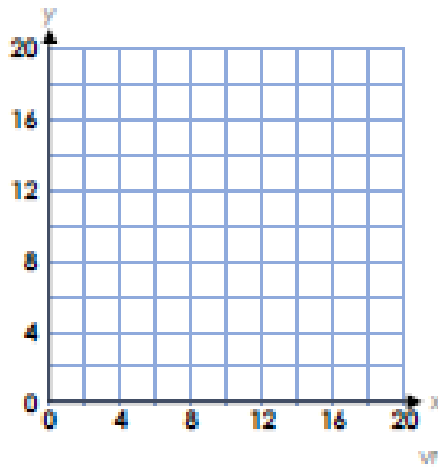
7b. Plot the points for the coordinates on the grid.

(4, 14)

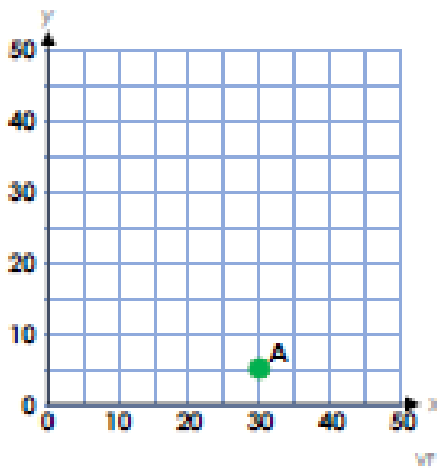
(9, 3)

(18, 10)

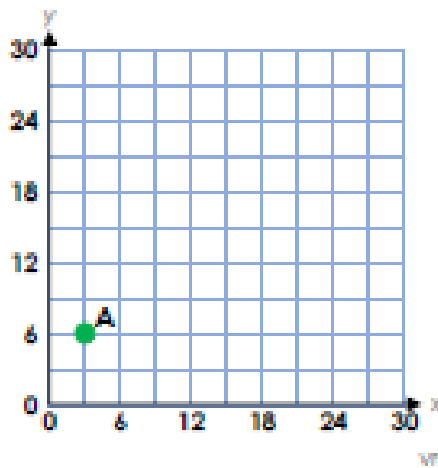
(13, 16)



8a. Draw a rectangle on the grid. Start at point A. Write the coordinates.



8b. Draw a parallelogram on the grid. Start at point A. Write the coordinates.



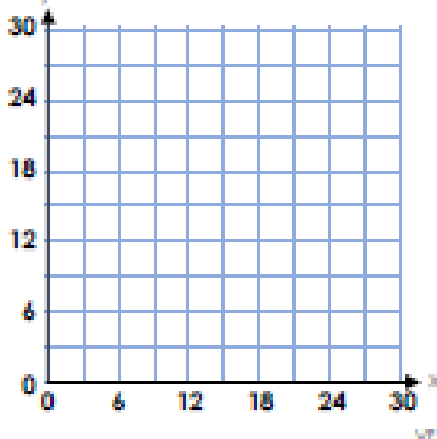
9a. True or false? These are the coordinates for the vertices of a parallelogram.

(6, 6)

(9, 15)

(21, 15)

(18, 6)



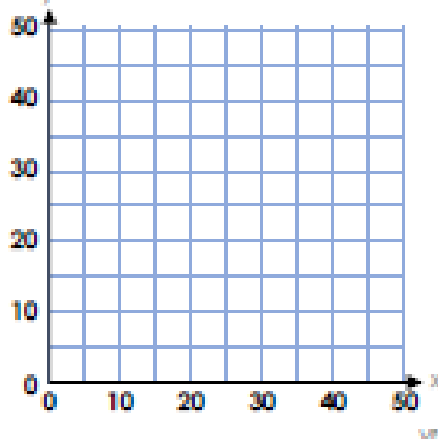
9b. True or false? These are the coordinates for the vertices of a rectangle.

(5, 10)

(5, 25)

(35, 10)

(35, 25)



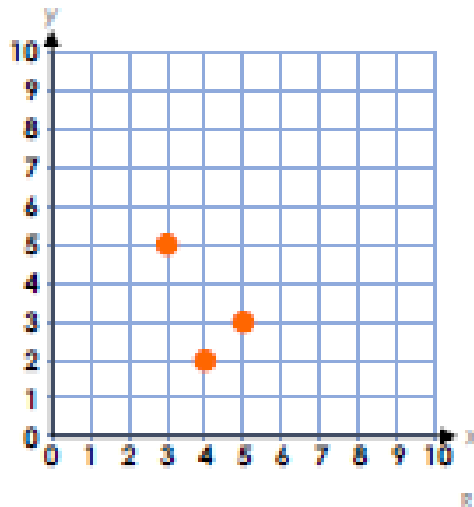
Reasoning

4a. Isobel is plotting coordinates. Explain her mistake.

(2, 4)

(3, 5)

(5, 3)

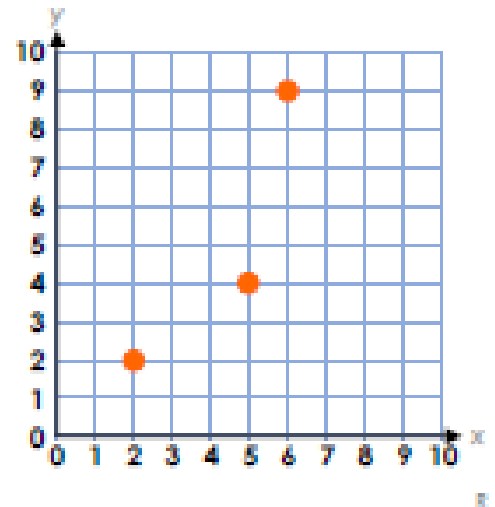


4b. Jack is plotting coordinates. Explain his mistake.

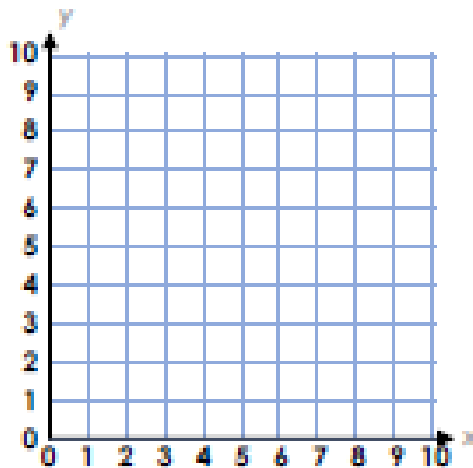
(2, 2)

(5, 4)

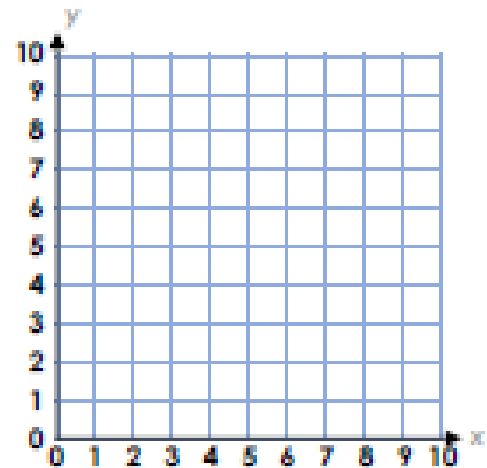
(9, 6)



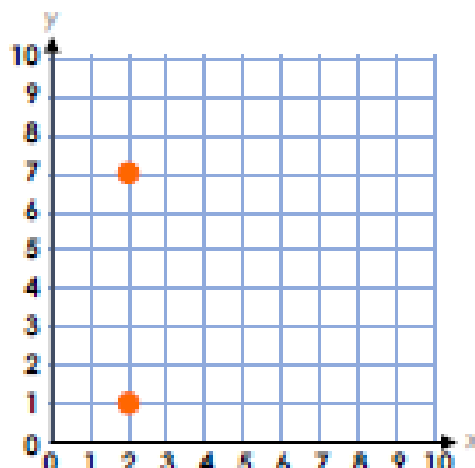
5a. Identify and plot six pairs of coordinates, each with a total of less than 10.



5b. Identify and plot six pairs of coordinates, each with a total that is an odd number.



6a. Plot 2 missing coordinates to make a letter made up of straight lines.



6b. Plot 2 missing coordinates to make a letter made up of straight lines.

