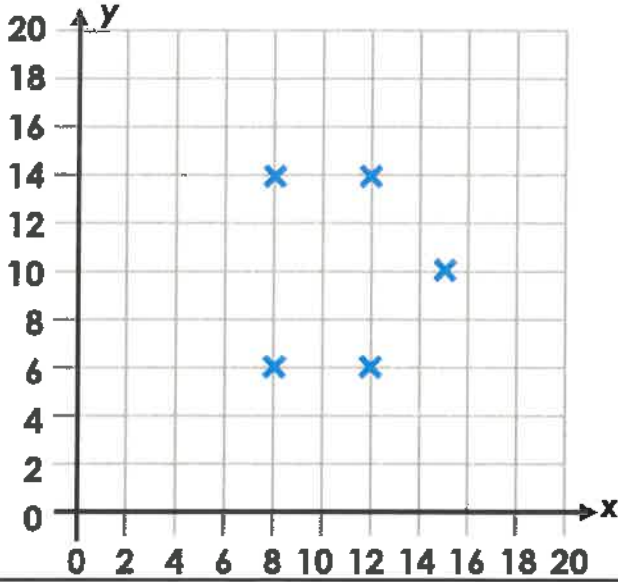


Position in the First Quadrant

7. Whose coordinates will make a symmetrical hexagon when they are connected?



Emily

I will plot my coordinates at (5, 10).



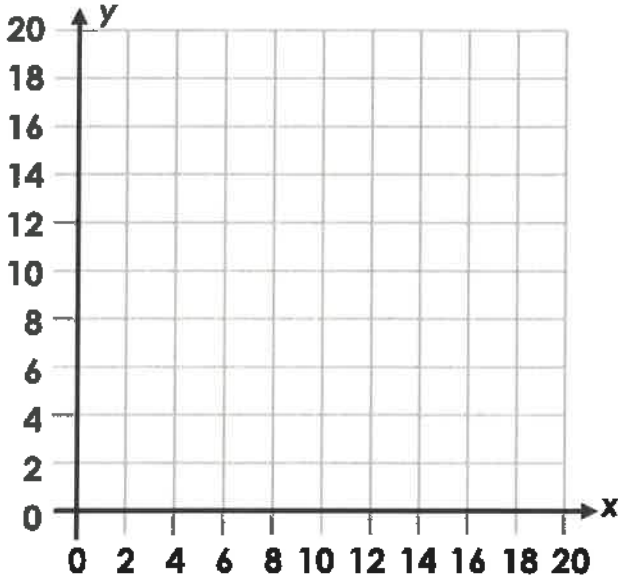
Jack

I will plot my coordinates at (10, 5).



VF
HW/Ext

8. Plot the coordinates on the grid. Identify the shape created when they are joined.



(4, 18)

(14, 18)

(4, 8)

(14, 8)

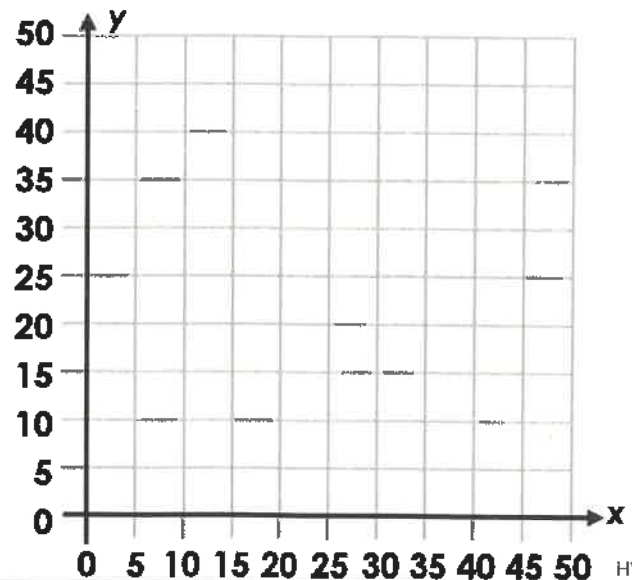
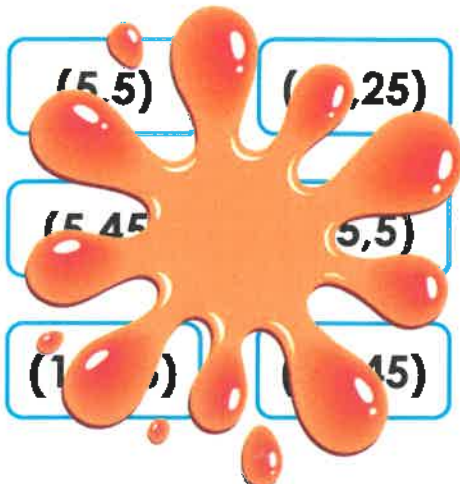
(9, 3)



VF
HW/Ext

9. Amber was plotting the points to make a symmetrical hexagon, but someone spilled paint on her work.

What could the missing coordinates be?



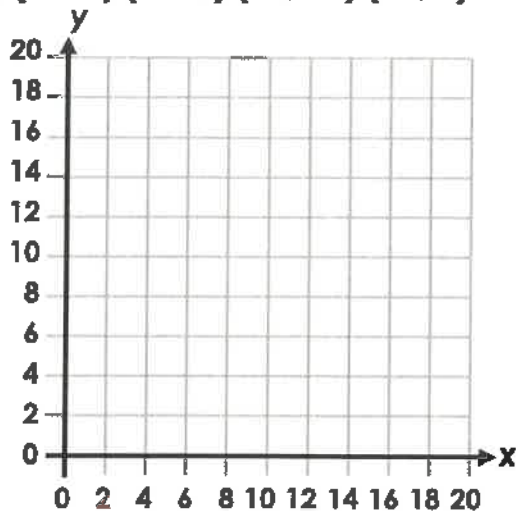
RFS
HW/Ext

Position in the First Quadrant

Position in the First Quadrant

7a. The coordinates below will create a letter. Draw and join them on the grid to find out the letter.

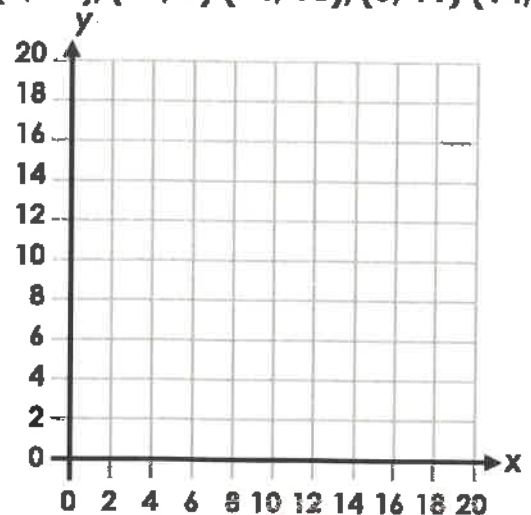
$(4, 6)$ $(4, 16)$ $(8, 12)$ $(12, 16)$ $(12, 6)$



PS

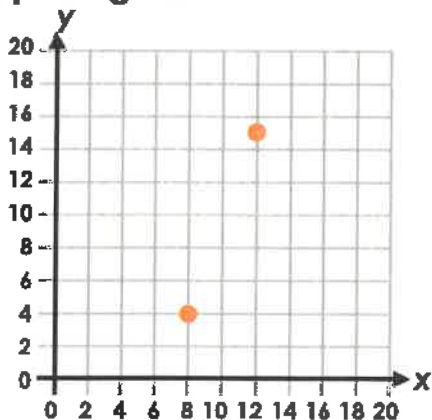
7b. The coordinates below will create a letter. Draw and join them on the grid to find out the letter.

$(6, 2)$ $(6, 18)$ $(14, 2)$ $(14, 18)$ $(6, 11)$ $(14, 11)$



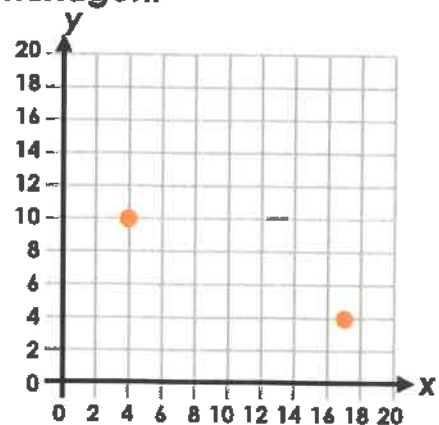
PS

8a. Two coordinates out of five have already been plotted. Write the rest of the coordinates and join them on the grid to create a pentagon.



PS

8b. Two coordinates out of six have already been plotted. Write the rest of the coordinates and join them on the grid to create a hexagon.



PS

9a. True or false? Explain your answer.



The value of x and y MUST be an integer.

R

9b. True or false? Explain your answer.



If your shape touches the top of the grid you cannot move it up any further.

R