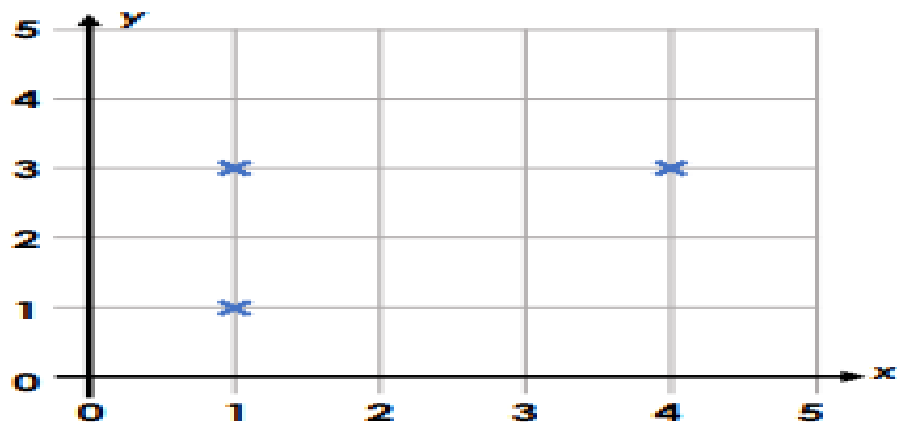


Position in the First Quadrant

1. Whose coordinates will make a rectangle when they are connected?



George

I will plot my coordinates at $(1, 4)$.



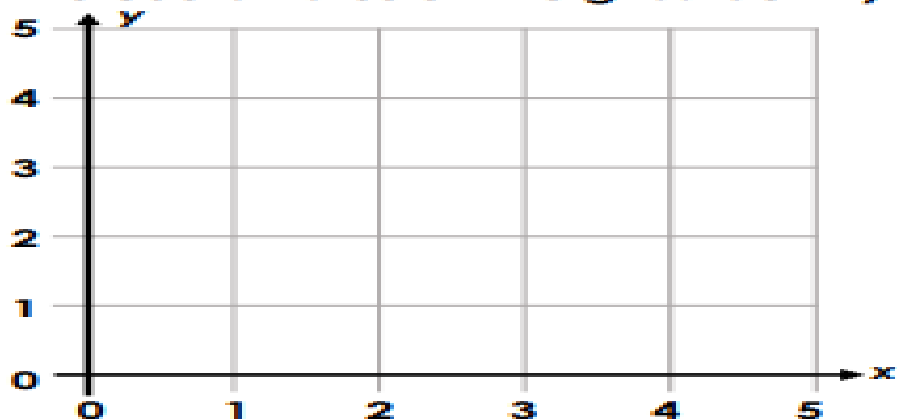
Sobia

I will plot my coordinates at $(4, 1)$.



VF
HW/Ext

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



$(2, 4)$

$(3, 1)$

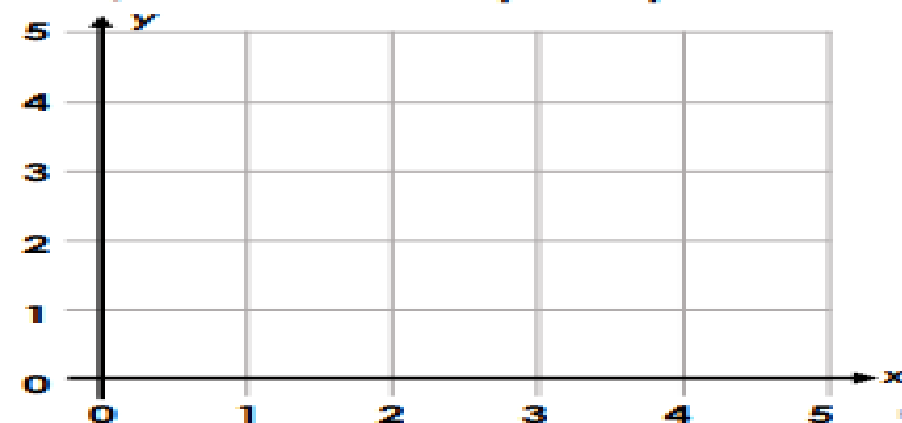
$(3, 5)$

$(4, 4)$



VF
HW/Ext

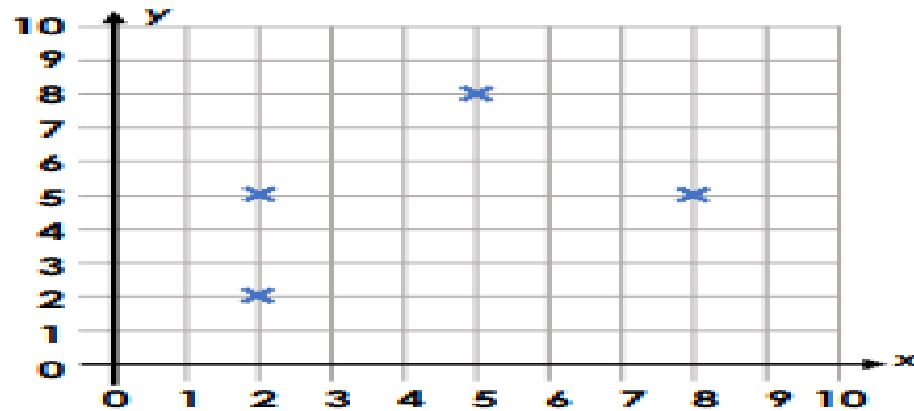
3. Thomas was plotting the points to make a square, but someone spilled paint on his work. What could the missing coordinates be?



RPS
HW/Ext

Position in the First Quadrant

4. Whose coordinates will make a pentagon when they are connected?



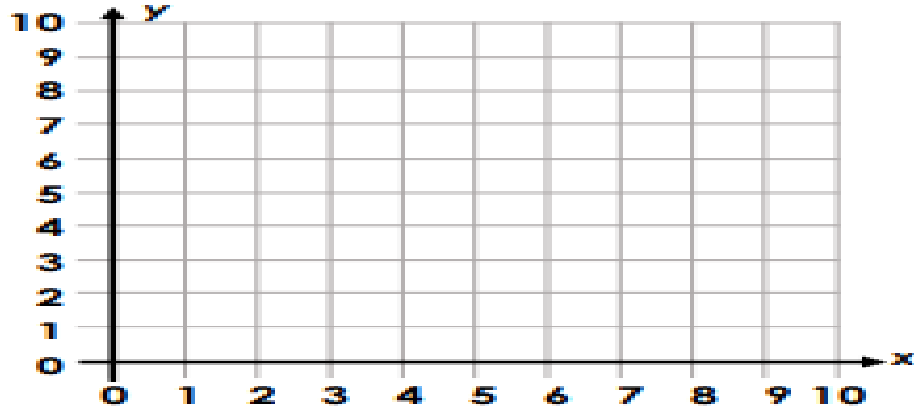
I will plot my coordinates at (8, 2).



I will plot my coordinates at (2, 8).

VF
HW/Ext

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



(3, 3)

(6, 3)

(2, 5)

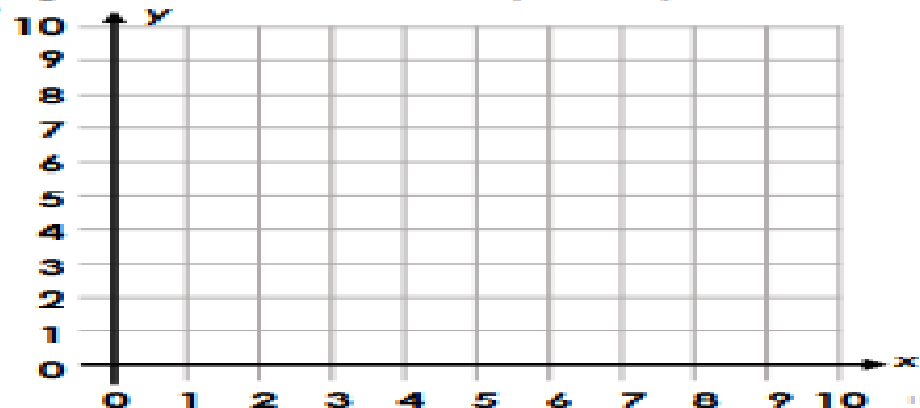
(7, 5)

(3, 7)

(6, 7)

VF
HW/Ext

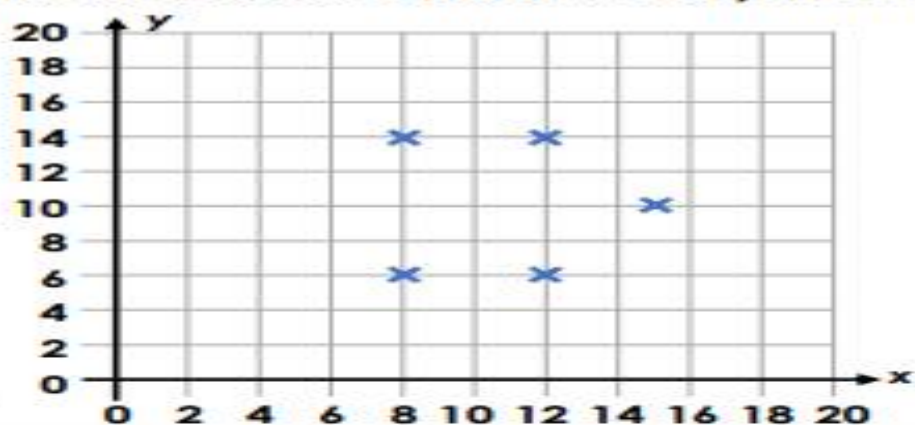
6. Lucy was plotting the points to make a pentagon, but someone spilled paint on her work. What could the missing coordinates be?



RPS
HW/Ext

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).



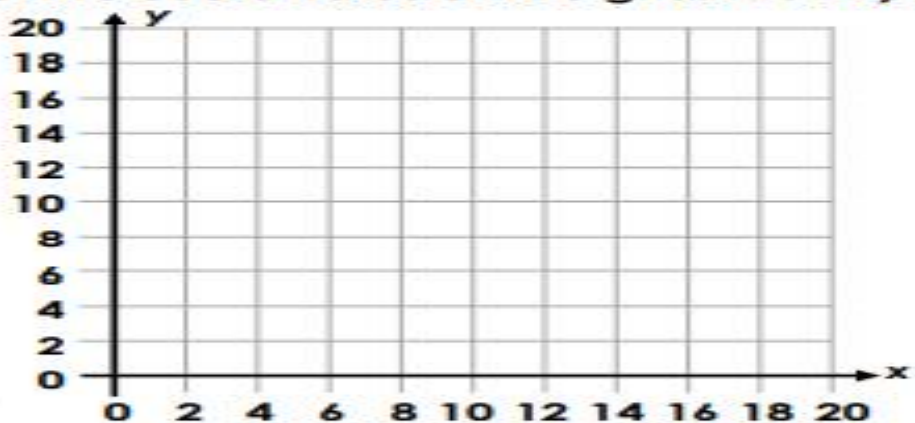
Jack

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



VF
HW/Ex1

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



(4, 18)

(14, 18)

(4, 8)

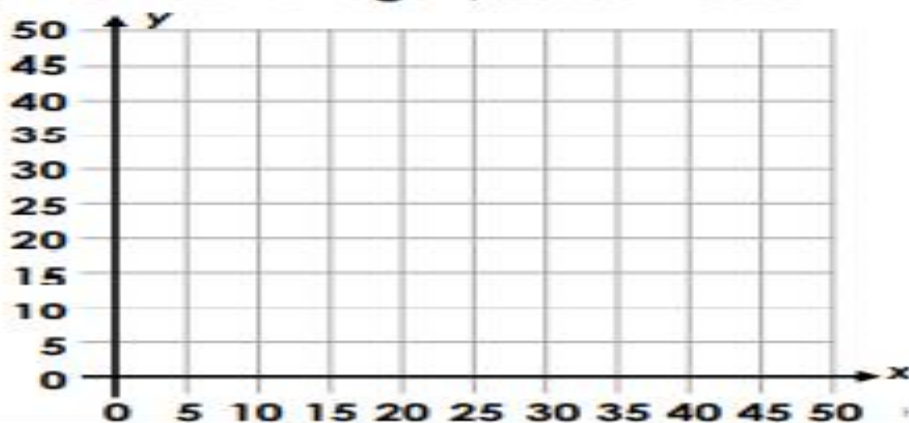
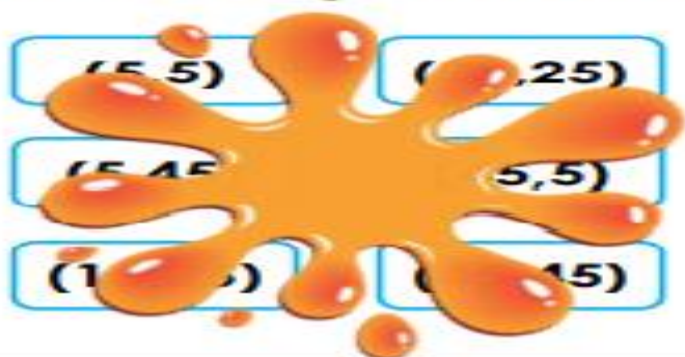
(14, 8)

(9, 3)



VF
HW/Ex1

9. Amber was plotting the points to make a symmetrical hexagon, but someone spilled paint on her work. What could the missing coordinates be?

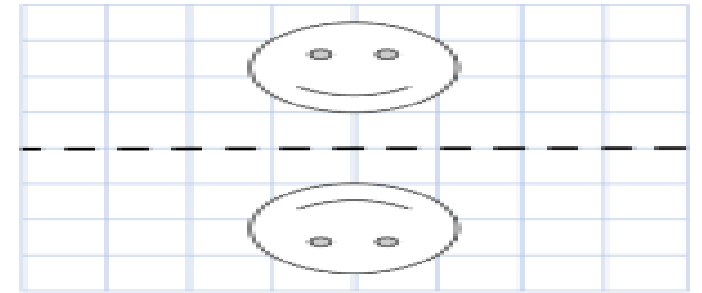
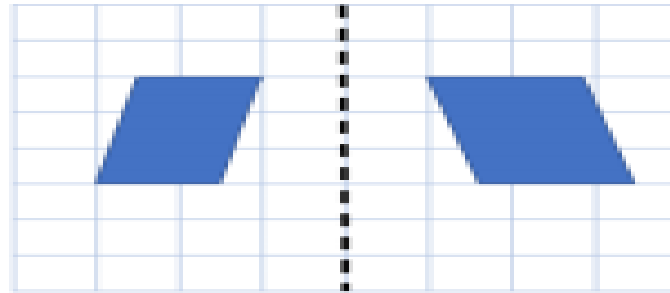
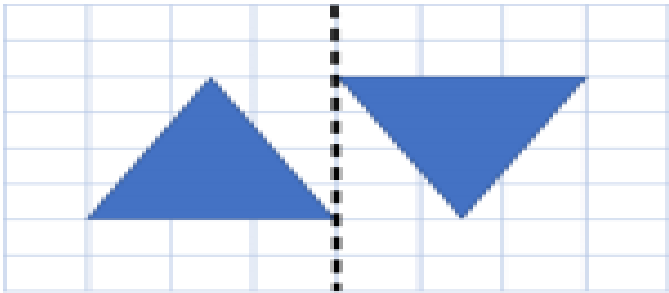


RPS
HW/Ex1

A bit more challenge:

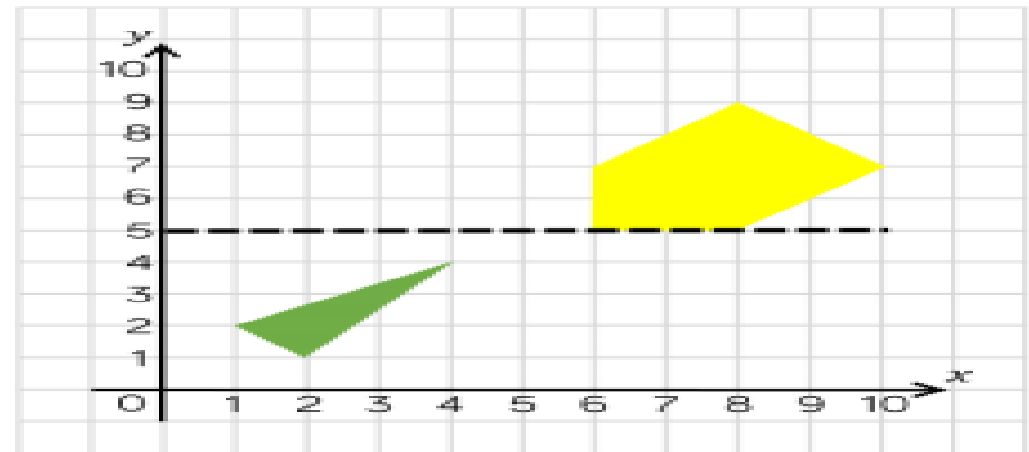
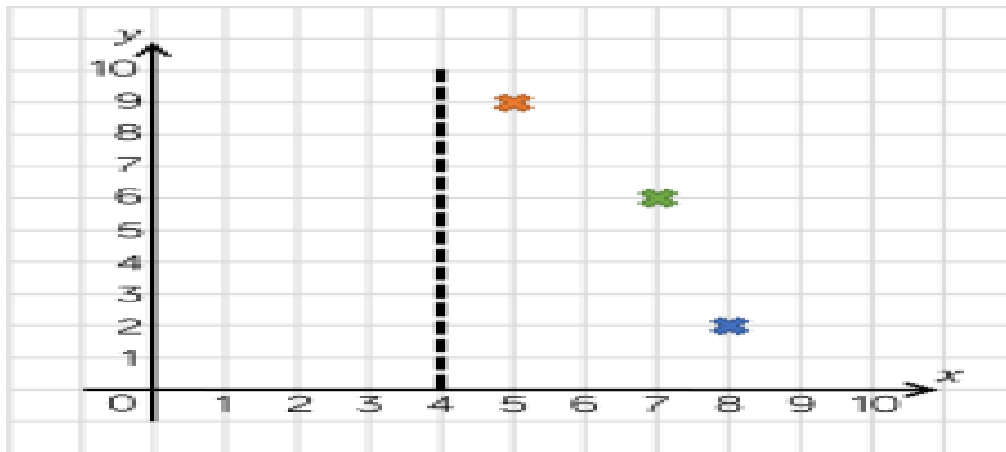
Varied Fluency

Which of the diagrams show reflections in the given mirror line?



Circle the correct one

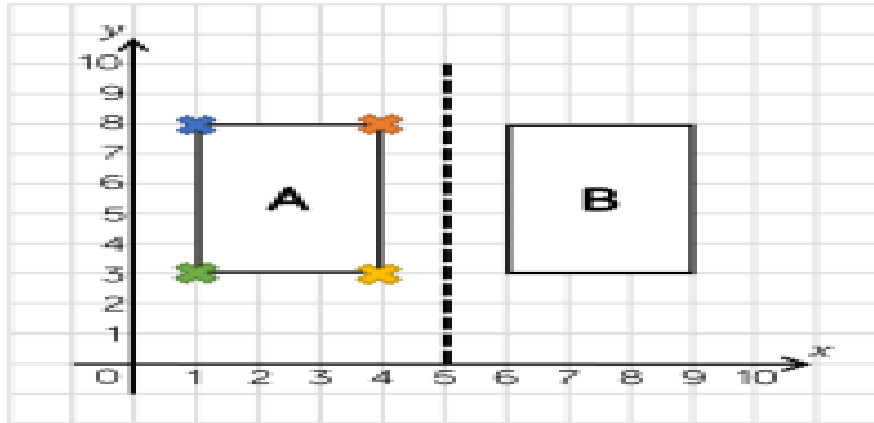
Reflect the coordinates and the shapes in the mirror line.







A bit more challenge:

Varied Fluency

Object A is reflected in the mirror line to give image B. Write the coordinates of the vertices for each shape.



	Original Coordinate	Reflected Coordinate
		
		
		
		

Write the coordinates of the image after the object (triangle) has been reflected in the mirror line.

(,)

(,)

(,)

