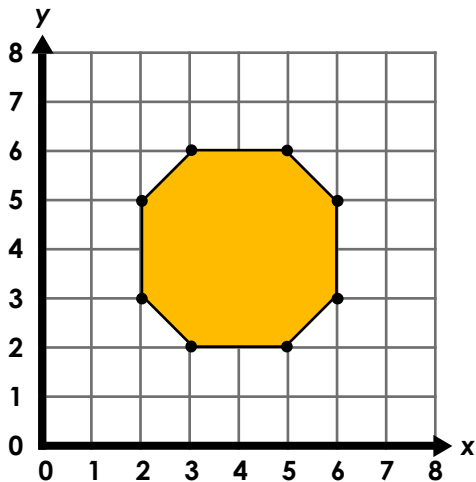


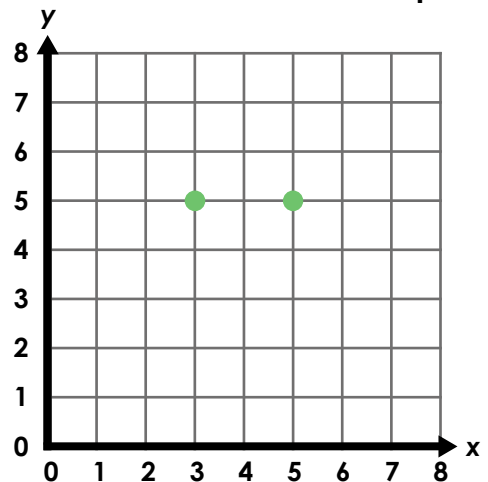
The First Quadrant

1. What are the coordinates of the octagon's vertices below?



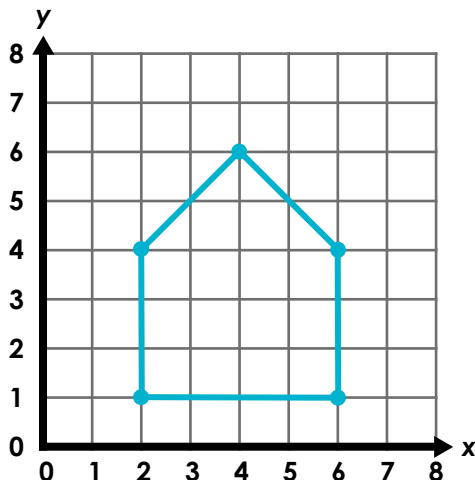
VF

4. Two vertices of a hexagon have been plotted. What coordinates could be used to complete the vertices of the shape?



PS

2. Tick the coordinates that form the vertices of the pentagon below.



(6, 4)

(1, 6)

(2, 4)

(3, 5)

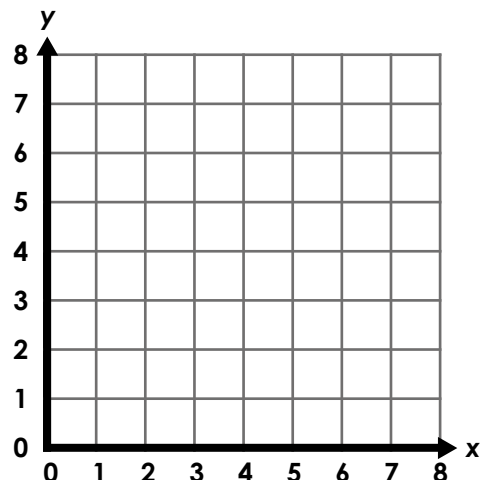
(6, 1)

(2, 1)

(4, 6)

VF

5. Plot the coordinates below. Which is the odd one out? Prove it.



(1, 4)

(5, 2)

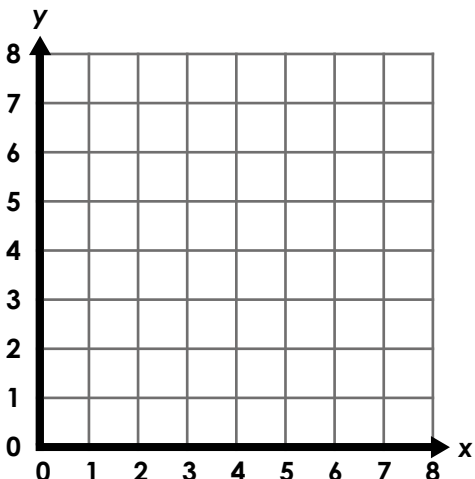
(3, 2)

(1, 1)

(7, 4)

R

3. What shape is formed when the points below are joined together?



(1, 5)

(2, 7)

(4, 7)

(4, 5)

(5, 5)

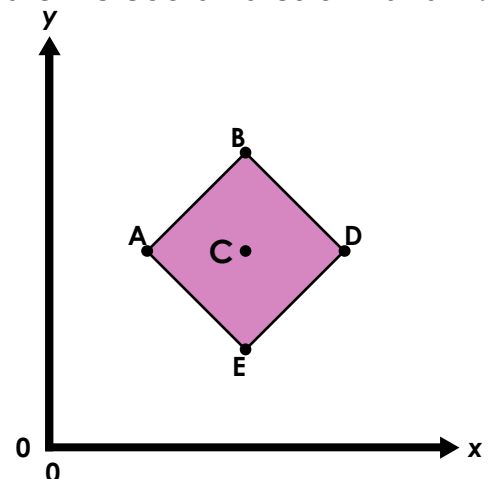
(5, 3)

(3, 2)

(2, 3)

VF

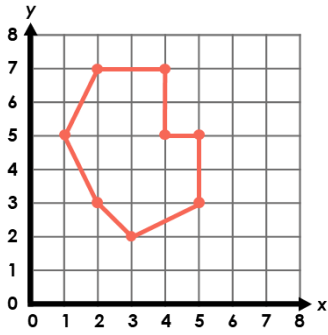
6. C marks the centre of the shape. If point A is (10, 20) and point C is (20, 20), what are the coordinates of B and D?



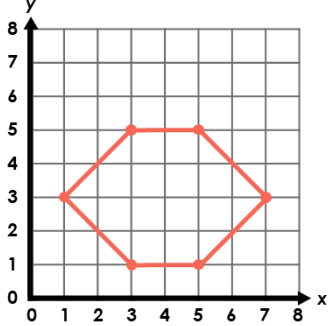
PS

The First Quadrant

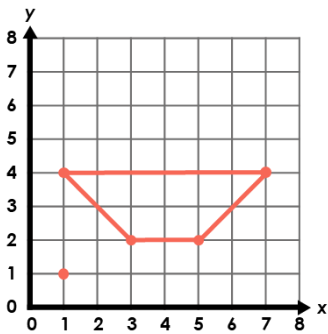
1. (2, 3) (2, 5) (3, 6) (5, 6) (6, 5) (6, 3) (5, 2) (3, 2)
2. (6, 4) (2, 4) (6, 1) (2, 1) (4, 6)
3. An irregular octagon



4. Various answers, for example: (1, 3) (3, 1) (5, 1) (7, 3)



5. (1, 1) is the odd one out because the other four points can be joined to make a trapezium.



6. B. (20, 30); D. (30, 20); E. (20, 10)