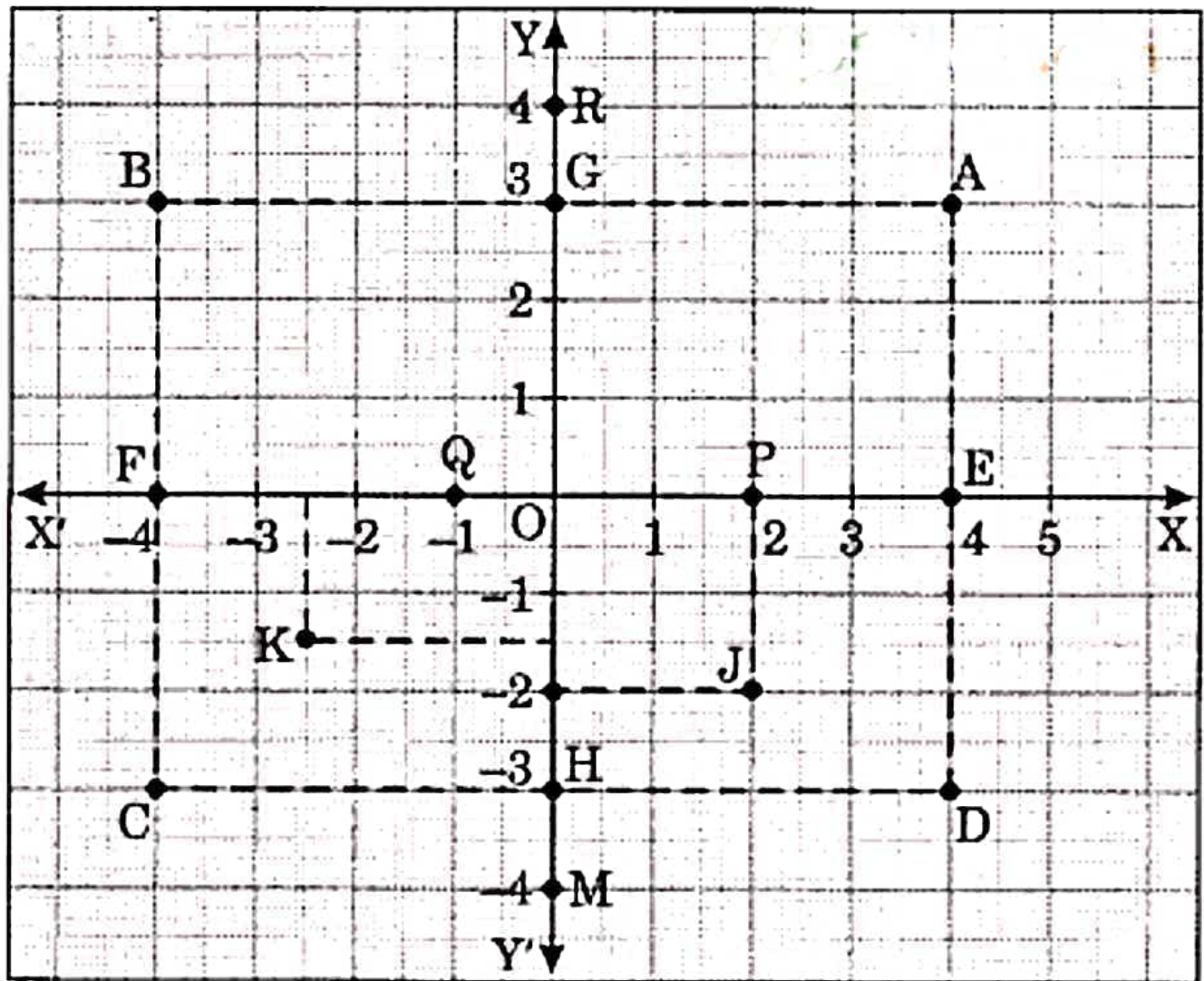


Introduction To Graphs Class 8 Extra Questions Question 1.

Write the coordinates of each point shown in the graph.



Question 2.

From the given figure, choose the letters indicate the location of the points.

(i) (3, 1)

(ii) (0, 5)

(iii) (3, 0)

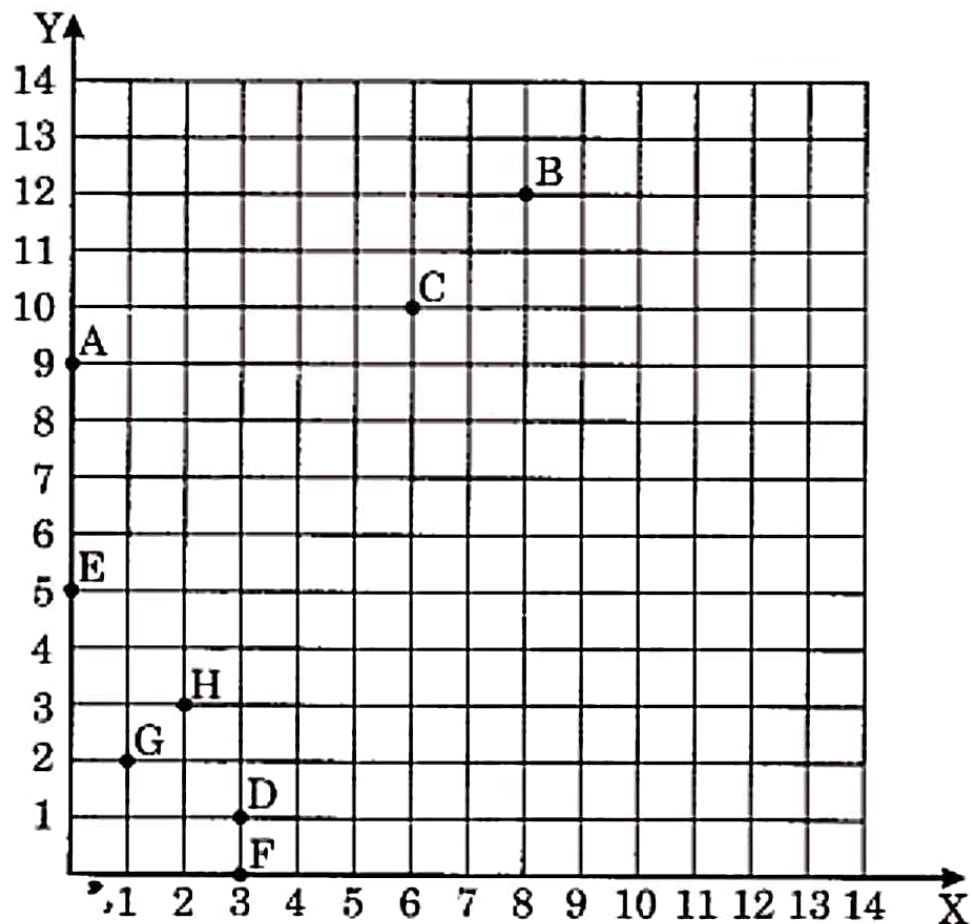
(iv) (1, 2)

(v) (2, 3)

(vi) (8, 12)

(vii) (6, 10)

(viii) (0, 9)



Question 3.

Draw the graph of the following table.

Is it a linear graph?

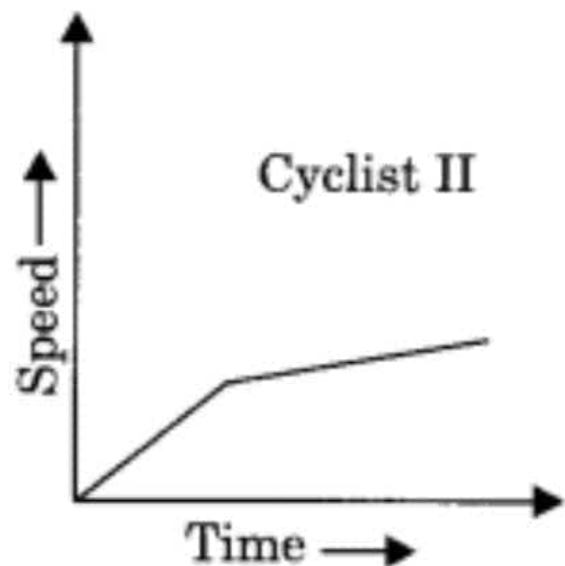
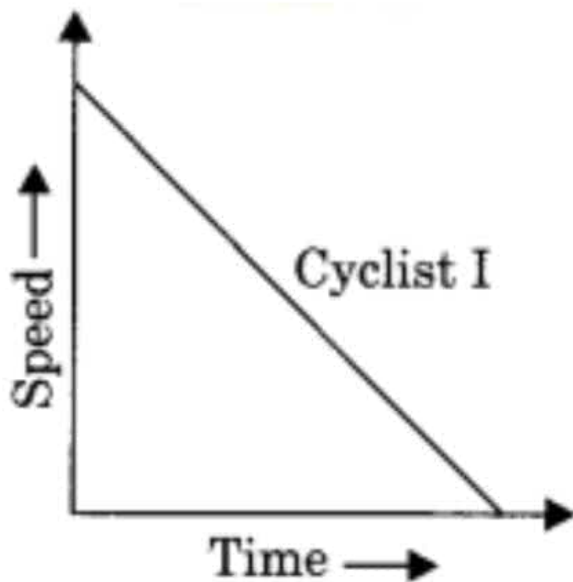
<i>x</i>	3	4	5	6	7
<i>y</i>	12	16	20	24	28

Question 4.

The given graphs show the progress of two different cyclists during a ride.

For each graph, describe the rider's progress over the period of time.

(NCERT Exemplar)



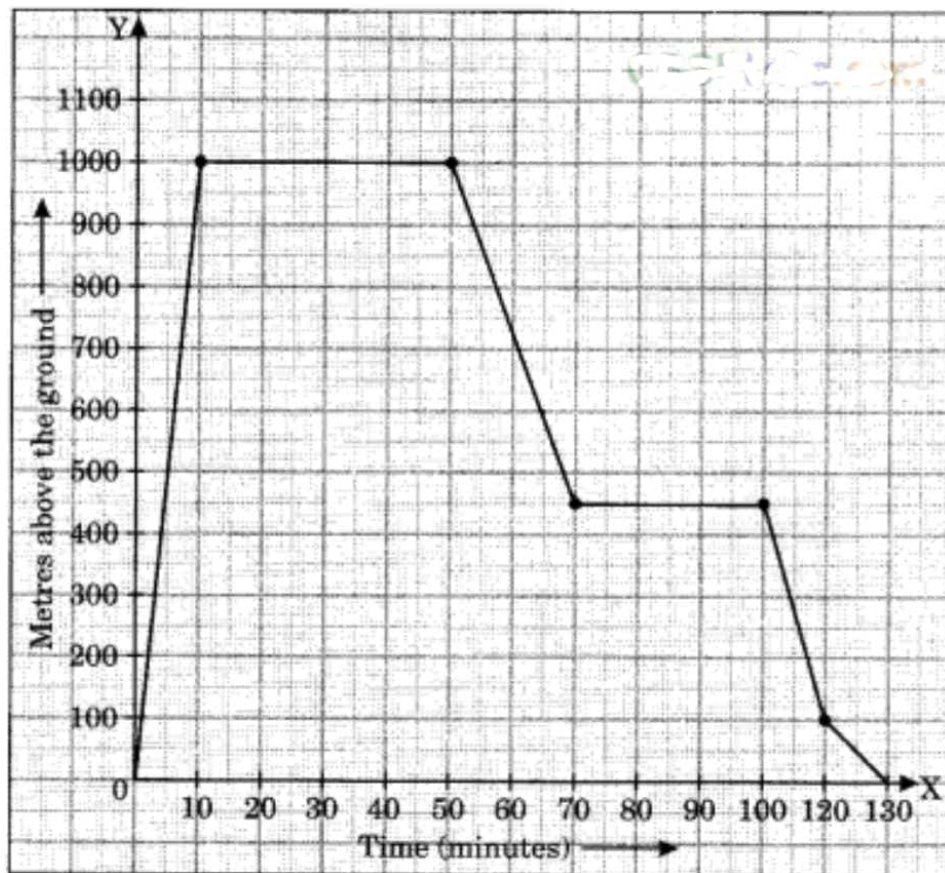
Question 5.

Match the coordinates given in Column A with the items mentioned in Column B. (NCERT Exemplar)

Column A	Column B
(i) (0, 5)	(a) y coordinate is $2 \times x$ -coordinate + 1
(ii) (2, 3)	(b) Coordinates of origin.
(iii) (4, 8)	(c) Only y -coordinate is zero.
(iv) (3, 7)	(d) The distance from x -axis is 5.
(v) (0, 0)	(e) y coordinate is double of x -coordinate.
(vi) (5, 0)	(f) The distance from y -axis is 2.

Question 6.

The given graph shows the flight of an aeroplanes.



- (i) What are the scales taken on x-axis and y-axis?
- (ii) Upto what height the aeroplane rises?
- (iii) What was the speed of the aeroplane while rising?
- (iv) How long was the plane in level flight?
- (v) How long did the whole flight take?

Question 7.

A bank gives 10% interest on the deposits by the Ladies. Draw a graph showing the relation between the amount deposited and the simple interest earned by the ladies and state following from the graph.

(i) The annual interest earned for an investment of ₹ 250

(ii) The investment one has to make to get an annual interest of ₹ 70.

Sum deposited (in ₹)	100	200	300	500	1000
Simple interest (in ₹)	10	20	30	50	100