



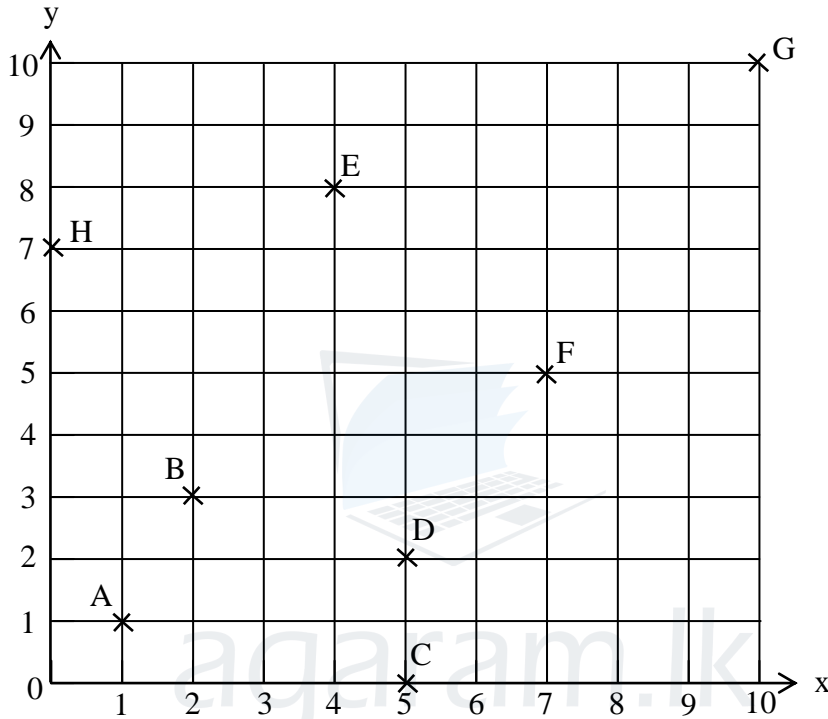
Grade 7

Mathematics

Unit : 23 - Cartesian plane

Part I

(1) Complete the table using the given Cartesian plane.



point	X Coordinate	Y Coordinate	Coordinates
A
B	3
C	5
.....	2	(5, 2)
D
E
F
G
H

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Part II

- (1) Draw a suitable cartesian plane and plot the following points.
A (2 , 4) , B (3 , 3) , C (5 , 1) , D (0 , 4)

- (2) Draw a Cartesian plane and plot four points such that the x – coordinate and y – coordinate values of each point are equal to each other. Write down the coordinates of the four points.

- (3)
 - i) Plot the points given below on a Cartesian plane and join them in the order of the letters with straight line segments.
P (3 , 2) , Q (5 , 2) , R (8 , 2) , S (9 , 2)

 - ii) Extend the line that is obtained.

 - iii) Write the coordinates of two other points on the line.



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