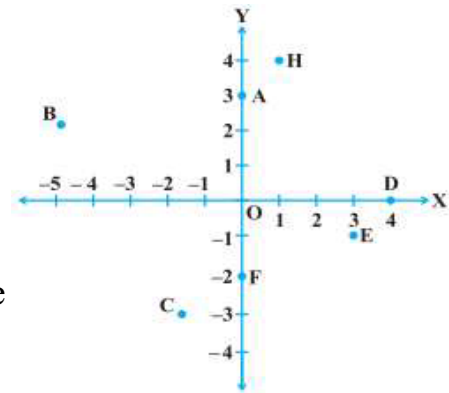


Home-Work

* **Answer each of the following questions as directed :**

- (1) Point (-3,5) lies in the _____ quadrant.
(a) first (b) second (c) third (d) fourth
- (2) Point (-10,0) lies _____.
(a) on the negative direction of X-axis.
(b) on the negative direction of Y-axis.
(c) in the third quadrant.
(d) in the fourth quadrant.
- (3) Abscissa of all the points on the X-axis is _____.
(a) 0 (b) 1 (c) 2 (d) any number.
- (4) Ordinate of all the points on the X-axis is _____.
(a) 0 (b) 1 (c) -1 (d) any number.
- (5) From the figure, answer the following questions :
(i) Coordinates of B, C and E.
(ii) The point identified by the coordinates (0,-2).
(iii) The abscissa of the point H.
(iv) The ordinate of the point D.



- (6) Plot the following points and write the name of the figure obtained by joining them in order.
P(-3,2), Q(-7,-3), R(6,-3), S(2,2)
- (7) Plot the points (x,y) given by the following table :

x	2	4	-3	-2	3	0
y	4	2	0	5	-3	0
- (8) Without plotting the points, indicate the quadrant in which they will lie, if :
(i) ordinate is 5, abscissa is -3.
(ii) abscissa is -5, ordinate is -3.
(iii) abscissa is -5, ordinate is 3.
(iv) ordinate is 5, abscissa is 3.
- (9) Plot the point P(-6,2) and from it draw PM and PN as perpendiculars to X-axis and Y-axis respectively. Write the coordinates of the points M and N.
- (10) Three vertices of a rectangle are (3,2), (-4,2) and (-4,5). Plot these points and find the coordinates of the fourth vertex.