

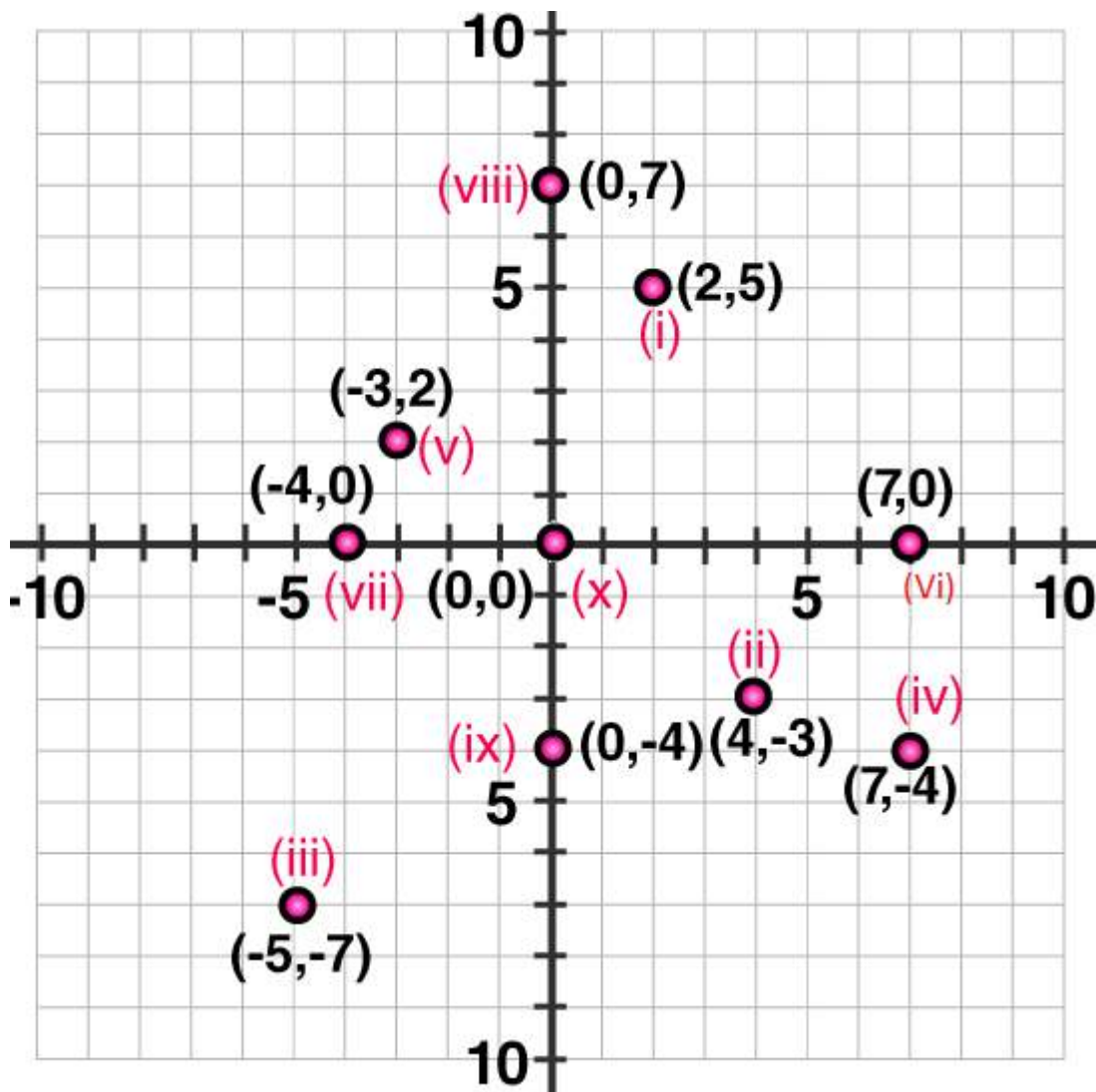
Exercise 11.1

Question 1: Plot the following points on the graph paper:

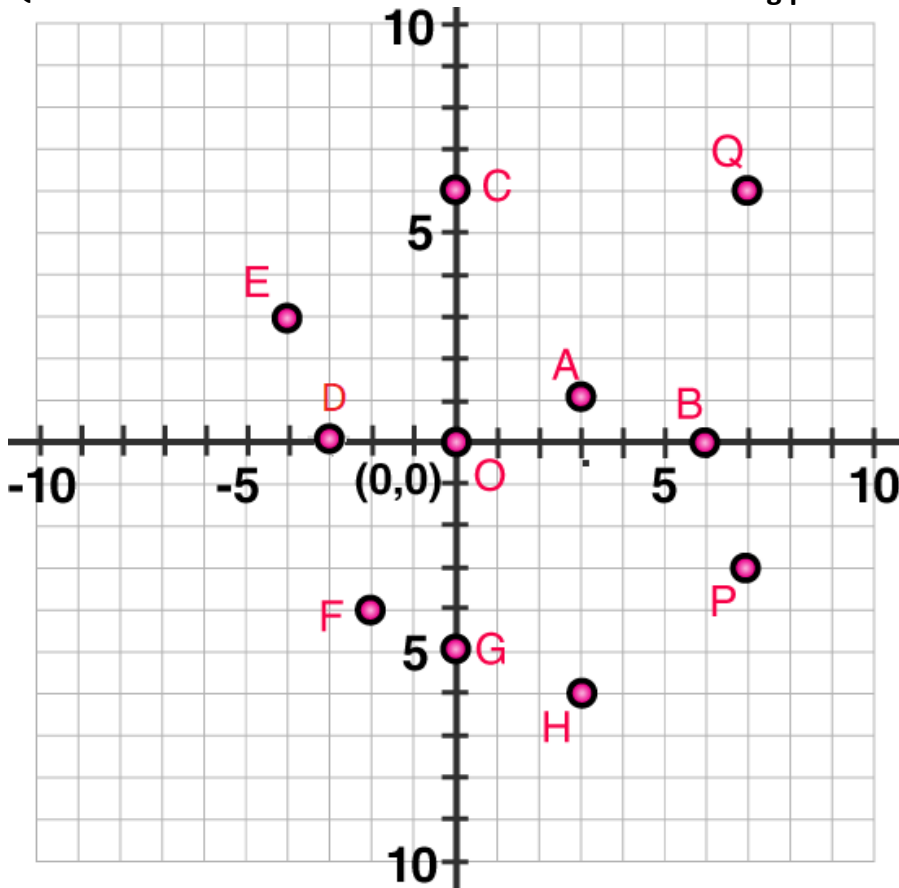
(i) (2,5)      (ii) (4,-3)      (iii) (-5,-7)      (iv) (7,-4)      (v) (-3,2)

(vi) (7,0)      (vii) (-4,0)      (viii) (0,7)      (ix) (0,-4)      (x) (0,0)

Solution:



**Question 2:** Write the coordinates of each of the following points marked in the graph paper.



**Solution:**

Point	Distance from y-axis (units)	Distance from x-axis (units)	Coordinates of Point
A	3	1	(3,1)
B	6	0	(6, 0)
C	0	6	(0, 6)
D	-3	0	(-3,0)
E	-4	3	(-4,3)
F	-2	-4	(-2,-4)
G	0	-5	(0,-5)
H	3	-6	(3,-6)
P	7	-3	(7,-3)
Q	7	6	(7,6)

**Explanation for Coordinates of A:**

The distance of point A from y-axis is 3 units and from x-axis is 1 units.

A lies in the first quadrant, so both the coordinates are positive.

This implies, coordinates of A are (3,1).

Similarly other points are,

A (3,1), B (6,0), C (0,6), D (-3,0), E (-4,3), F (-2,-4), G (0,-5), H (3,-6), P (7,-3), Q (7,6)

