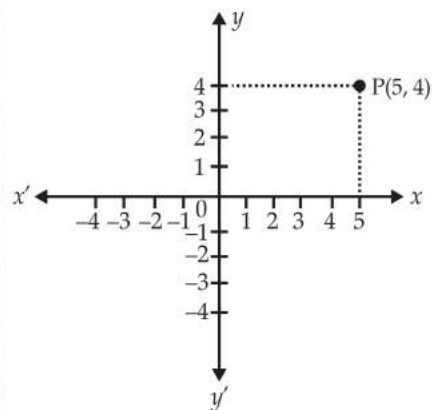


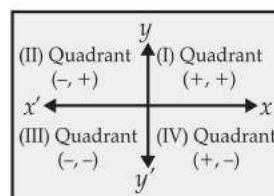


Step 1 : Draw co-ordinate axes and select units

Step 2 : Starting from origin, count units on x and y axis

Step 3 : Mark the corresponding points

Plotting a point
(5, 4) in a plane



Co-ordinate Geometry

Quadrants

Plane divided into 4 parts by co-ordinate axes

Quadrant	Axis	Example
(I) Quadrant (+, +)	$x > 0,$ $y > 0$	(1, 2), (3, 4)
(II) Quadrant (-, +)	$x < 0,$ $y > 0$	(-3, 4), (-8, 9)
(III) Quadrant (-, -)	$x < 0,$ $y < 0$	(-3, -4), (-5, -6),
(IV) Quadrant (+, -)	$x > 0,$ $y < 0$	(3, -6) (1, -1)

Trace the Mind Map

► First Level ► Second Level ► Third Level