

NCERT Solutions for Class 9 Maths Chapter 3 Coordinate Geometry Ex 3.3

Question 1.

In which quadrant or on which axis do each of the points $(-2, 4)$, $(3, -1)$, $(-1, 0)$, $(1, 2)$ and $(-3, -5)$ lie? Verify your answer by locating them on the Cartesian plane.

Solution.

The position of each point is as follows:

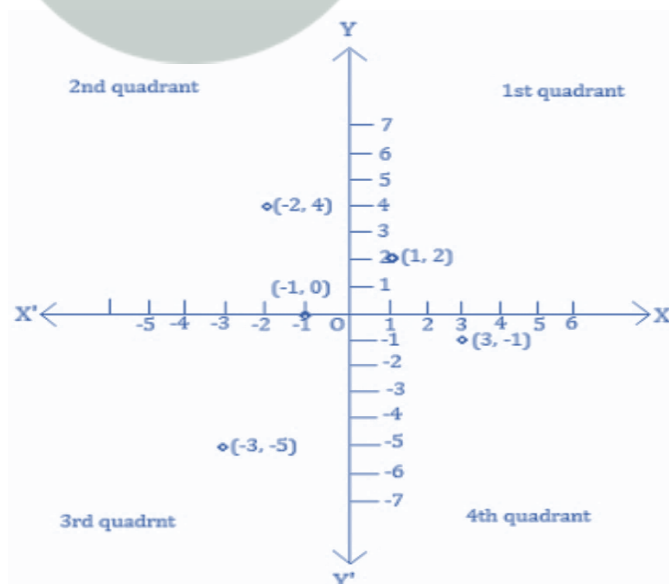
$(-2, 4)$ = Second quadrant

$(3, -1)$ = Fourth quadrant

$(-1, 0)$ = Second quadrant

$(1, 2)$ = First quadrant

$(-3, -5)$ = Third quadrant



Question 2.

Plot the points (x, y) given in the following table on the plane, choosing suitable units of distance on the axes.

X	-2	-1	0	1	3
Y	8	7	-1.25	3	-1

Solution.

Points (x, y) are located on the plane.

1 unit = 1 cm

Points (x, y) on the plane. 1 unit = 1 cm

