

Mathematics

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(Chapter – 3) (Coordinate Geometry)(Exemplar Problems)

(Class – IX)

Exercise 3.3

Question 10:

A point lies on the x -axis at a distance of 7 units from the y -axis. What are its coordinates? What will be the coordinates if it lies on y -axis at a distance of -7 units from x -axis?

Answer 10:

Given point lies on the positive direction of X -axis, so its y -coordinate will be zero and it is at a distance of 7 units from the y -axis, so its coordinate are $(7, 0)$.

If it lies on negative direction of Y -axis, then its x -coordinate will be zero and its distance from X -axis is 7 units, so its coordinate are $(0, -7)$.

