

Mathematics

(www.tiwariacademy.net)

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

(Class – IX)

Exercise 3.3

Question 7:

In which quadrant or on which axis each of the following points lie?

$(-3, 5)$, $(4, -1)$, $(2, 0)$, $(2, 2)$, $(-3, -6)$

Answer 7:

(i) In point $(-3, 5)$, x-coordinate is negative and y-coordinate is positive, so it lies in II quadrant.

(ii) In point $(4, -1)$, x-coordinate is positive and y-coordinate is negative, so it lies in IV quadrant.

(iii) In point $(2, 0)$, x-coordinate is positive and y-coordinate is zero, so it lies on X-axis.

(iv) In point $(2, 2)$, x-coordinate and y-coordinate both are positive, so its lies in I quadrant.

(v) In point $(-3, -6)$, x-coordinate and y-coordinate both are negative, so its lies in III quadrant.

