

Mathematics

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

(Class – IX)

Exercise 3.1

Write the correct answer in each of the following:

Question 14:

If P (– 1, 1), Q (3, – 4), R(1, –1), S(–2, –3) and T (– 4, 4) are plotted on the graph-paper, then the point(s) in the fourth quadrant are

- (A) P and T (B) Q and R (C) Only S (D) P and R

Answer 14:

- (B) Q and R

Solution:

In point P(-1,1), x –coordinate is -1 unit and y-coordinate is 1 unit, so it lies in II quadrant. Similarly, we can plot all the points Q (3,-4), R (1,-1), S(-2,-3) and T(-4,4), It is clear from the graph that points R and Q lie in fourth Quadrant.

