

# Mathematics

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

(Class – IX)

## Exercise 3.3

### Question 9:

Plot the points  $(x, y)$  given by the following table.

Use scale 1 cm = 0.25 units

|     |      |      |     |       |
|-----|------|------|-----|-------|
| $x$ | 1.25 | 0.25 | 1.5 | -1.75 |
| $y$ | 0.5  | 1    | 1.5 | -0.25 |

### Answer 9:

Let  $X'OX$  and  $Y'OY$  be the coordinate axes. Plot the given points  $(1.25, -0.5)$ ,  $(0.25, 1)$ ,  $(1.5, 1.5)$  and  $(-1.75, -0.25)$  on the graph paper. After plotting, we get the points  $P(1.25, -0.5)$ ,  $Q(0.25, 1)$ ,  $R(1.5, 1.5)$  and  $S(-1.75, -0.25)$ .

