

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 13:

On plotting the points O (0, 0), A (3, 0), B (3, 4), C (0, 4) and joining OA, AB, BC and CO which of the following figure is obtained?

- (A) Square (B) Rectangle (C) Trapezium (D) Rhombus

Answer 13:

(D) Rhombus

Solution:

Here, point O (0, 0) is the origin. A (3, 0) lies on positive direction of X-axis, B (3, 4) lies in 1st quadrant and C(0, 4) lies on positive direction of Y-axis. On joining OA, AB, BC and CO the figure obtained is a rectangle.

