

HOTS (Higher Order Thinking Skills)

Que 1. Plot the points A (2, 0), B (5, 0) and C (5, 3). Find the coordinate of the point D such that ABCD is a square.



Fig. 4.14

Sol. Coordinates of points D (2, 3)

Que 2. Plot the points A (1, -3) and B (5, 4).

(i) Draw a line segment with these points. Write the coordinates of a points on the line segment AB.

(ii) Extend this line segment and write the coordinates of a point on this line which lies outside the line segment AB.

Sol. The point C (2.7, 0) lies on the line segment AB.

The point D (0, -4.7) lies on the same line but outside the line segment AB.

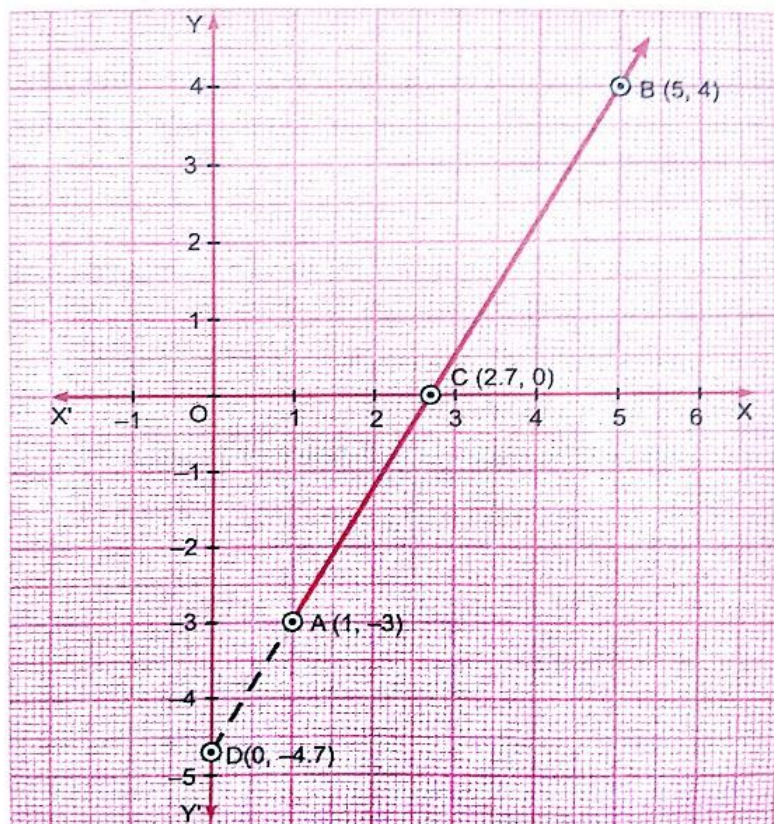


Fig. 4.15