

COORDINATE GEOMETRY

WORKSHEET:2CLASS:IX SUBJECT:MATHEMATICS

Q1.Plot the points(0,-5)and(-2,-5)in the coordinate plane.

Q2.Locate the points(5,0),(0,5),(2,5),(5,2),(-3,5),(-3,-5),(5,-3)and(6,1)in the Cartesian plane.

Q3. (i)Plot the points A(0,4),B(-3,0),C(0,-4),D(3,0).

(ii)Name the figure obtained by joining the points A,B,C,D.

Q4. (a)Plot the following points in the coordinate plane.

A(-4,4),B(-6,0),C(-4,-4),D(-2,0)

(b)Name the figure formed by joining the points A,B,C and D and also find its area.

Q5.Plot point A(3,2),B(2,-1),C(-2,-2) in a Cartesian plane. Mark a point D such that figure ABCD is a parallelogram. Write coordinates of point D.

Q6.Plot and write in which quadrant or on which axis do each of the points A(2,5),B(4,-3),C(0,-4),D(7,0),E(-5,-7),F(-3,2)lie?