INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet For The Academic Year 2025-26
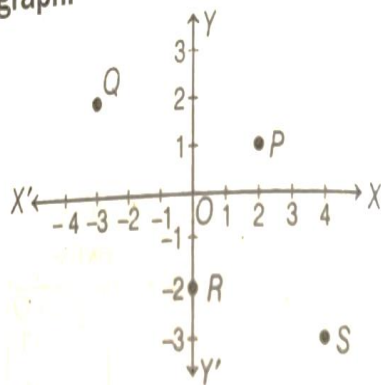
CLASS: IX   SUBJECT: Mathematics   DATE: 29/06/2025

LESSON-3   Co-ordinate Geometry

1) The point at which the two co-ordinate axes meet is called _____.

2) In which quadrant do the following points lie:

   a) (2 ,3)   b) (-2 , 3)   c) (2 , -3)   d) (-2 , -3)

3) If (a , b) is the point (0 , -2) then the value of a   & b are ____ & _____.

4) Write any two points on the X-axis that lie along the negative direction

   of the X-axis.

5) The X-co-ordinate of a point is called _____.

6) What will be the perpendicular distance of the point (7 , 5) from the

   Y-axis?

7) What will be the value of any point on the Y-axis?

8) Where do the points (3 , 0) and (-3 , 0) lie?

9) Pick a) the abscissa of the points: (3 , 4) and (4 , 0)

   b) the ordinates of the points: (-5 , -6) and (5 , -3)

10) Write the co-ordinates of a point whose perpendicular distance from the

    X-axis is 3 units and from the Y-axis is 9 units both along the positive

    direction.

11) Write the co-ordinates of a point (i) on X-axis at a distance of 9 units from

    the Y-axis (ii) on Y-axis at a -9 from the X-axis.

12) Write the co-ordinates of the origin.

13) If the co-ordinates of two points are A(3 , 4) and B(-2 , 5) then find the

    difference of the abscissa of the two points.

14) The plane on which the axes are drawn is called the _____

    Plane.

15) The vertical axis is called the _____.

16) Write the co-ordinates of the points given in the figure.

graph.

17) Looking at the figure answer the following questions:

a) abscissa of G

b) ordinate of E

c) co-ordinates of M

d) quadrant of B

e) difference of ordinates of D and H.