INTERNATIONAL INDIAN SCHOOL BURAIDAH Worksheet For The Academic Year 2023-24 CLASS: IX SUBJECT: Mathematics DATE: <u>26/05/2023</u> LESSON-3 Co-ordinate Geometry

- 1) The Cartesian Plane is divided into _____ quadrants.
- 2) The co-ordinates of the origin is _____.
- 3) The ordinates of all points on the X-axis is _____.
- 4) A point whose both co-ordinates are positive lies in the _____ quadrant.
- 5) The value of abscissa of all points on Y-axis is _____.
- 6) Where do the following points lie?
 - (9,0), (-5,4), (-2,-3), (4,-5) and (0,2)
- 7) If A represents (-3, 4) and B is (-6, 6), find the difference of the abscissa of A and B.
- 8) Write the shape obtained by joining the points with co-ordinates
 - (0, 0), (4, 0) and (4, 4). Also find its area.
- 9) On which axes do the following points lie?
 - a) (5, 0) b) (0, 8) c) (0, -5) d) (-7, 0)
- 10) Plot P (3, 2), R (3, 0) and Q (3, -1) in a Catesian Plane. Join these points and write what you get?
- 11) The Cartesian System helps to ______ a point in a plane.
- 12) The horizontal line in the Cartesian Plane is called _____.
- 13) The two axes in the Cartesian Plane are ______ to each other.