

INTERNATIONAL INDIAN SCHOOL
BURAIDAH

Worksheet For The Academic Year 2024-25

CLASS: IX SUBJECT: Mathematics DATE: 20/05/2024
LESSON-3 Co-ordinate Geometry

- 1) Name the plane on which the co-ordinate axes are drawn.
- 2) What do you call the x-co-ordinate of a point?
- 3) The point where the co-ordinate axes meet is:
- 4) If $(a, b) = (0, -2)$, find the value of a. and b.
- 5) If a point (a, b) lies in the fourth quadrant, find which is greater a or b?
- 6) What will be the perpendicular distance of the point $(7, 5)$ from the Y-axis?
- 7) In which quadrants do the points $(2, -3)$ and $(-3, 2)$ lie?
- 8) In which quadrant will both the co-ordinates be positive?
- 9) What will be the abscissa of any point on the Y-axis?
- 10) If $(3, a-3)$ lie on the X-axis then find the value of a.
- 11) Write the co-ordinates of a point lying on the X-axis at a distance of 9 units from the Y-axis.
- 12) A point whose abscissa is zero and ordinate is 4 lies on the _____.
- 13) The horizontal axis drawn in the XY-plane is called _____ and the vertical axis is called _____.

ANSWERS

- 4) $a = 0, b = -2$
- 5) $a > b$
- 6) 7
- 9) 0
- 10) $a = 3$
- 11) $(9, 0)$