## INTERNATIONAL INDIAN SCHOOL

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Worksheet For The Academic Year 2023-24
CLASS: IX SUBJECT: Mathematics DATE: 26/05/2023
LESSON-3 Co-ordinate Geometry

1) The Cartesian Plane is divided into $\qquad$ quadrants.
2) The co-ordinates of the origin is $\qquad$ .
3) The ordinates of all points on the $X$-axis is $\qquad$ .
4) A point whose both co-ordinates are positive lies in the $\qquad$ quadrant.
5) The value of abscissa of all points on $Y$-axis is $\qquad$ .
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 $\qquad$ a point in a plane.
12) The horizontal line in the Cartesian Plane is called $\qquad$ .
13) The two axes in the Cartesian Plane are $\qquad$ to each other.
