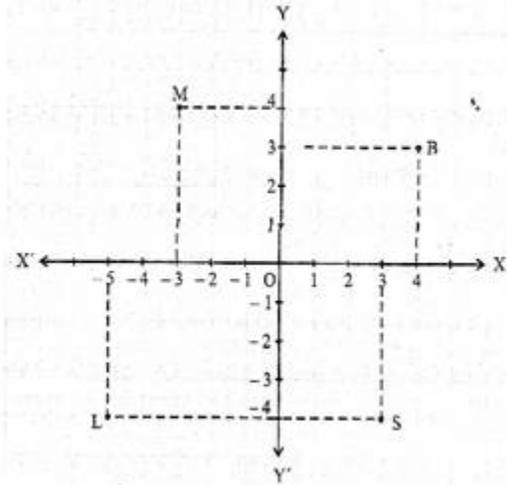


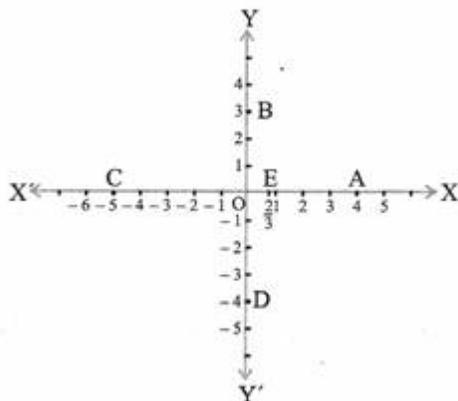
**Important Questions CBSE Class 9th : Mathematics Year 2009 (Unsolved)  
(Mathematics-4)**

**Q. 1. Answer the following using the given figure:-**



- i. The abscissa & the ordinate of the point B are \_\_\_\_\_ and \_\_\_\_\_. Thus the coordinates of point are \_\_\_\_\_
- ii. The coordinates of the M are \_\_\_\_\_
- iii. What are the X coordinates and Y coordinate of the point B?

**Q. 2. Write the coordinates of the points A, B, C, D and E marked on the given rectangular axes?**



**Q. 3. Give the answer of the following:-**

- i. What is the name of horizontal and vertical lines drawn to determine the position of any point in the Cartesian plane ?
- ii. Write the name of the point where these two lines intersect ?

iii. What is the name of each part of the plane formed by these two lines?

**Q. 4.** Locate the points (5,0), (0,5), (2,5), (5,2), (-3,5), (-3,-5), (5,-3) & (6,1) in the Cartesian plane?

**Q. 5.** In which quadrant do each of the points (-2,4), (3,-1), (-1,0), (1,2) and (-3,-5) lie ? Verify your answer by locating them on the Cartesian plane?

**Q. 6.** Plot the points (x,y) given in the following tables on the plane, choosing the suitable units of distance on the axis:

<b>X</b>	-2	-1	0	1	3
<b>Y</b>	8	7	-1.25	3	-1

**Q. 7.** Answer the following:-

i. How will you locate the position of an object or a point in a plane?

ii. What are the coordinates of origin?

iii. If the abscissa of a point is X & ordinate is Y, then what are the coordinates of that point?

**Q. 8. (a)** What are the coordinates of a point on the X axis?

**(b).** What is the special name given to the plane, used in coordinate Geometry?

**(c).** What is the distance of a point from the Y axis as well as from the X axis known as?