MATHS

BOOKS - VIDHYASANGAM - RAO'S ACADEMY MATHS (KANNADA ENGLISH)

CO-ORDINATE GEOMETRY

Exercise 9 1

1. How will you describe the position of a table lamp on your study table to another person?

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2. (Street Plan): A city has two main roads which cross each other at the centre of the city. These two roads are along the NorthSouth direction and EastWest direction. All the other streets of the city run parallel to these roads and are 200 m apar

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Exercise 9 2

1. Write the answer of each the question:

What is the name of horizontal line and vertical lines drawn to determine the position of any point in the cartesian plane ?

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2. Write the answer of each the question:

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

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3. Write the answer of each the question:

Write the name of the point where these two lines intersect.

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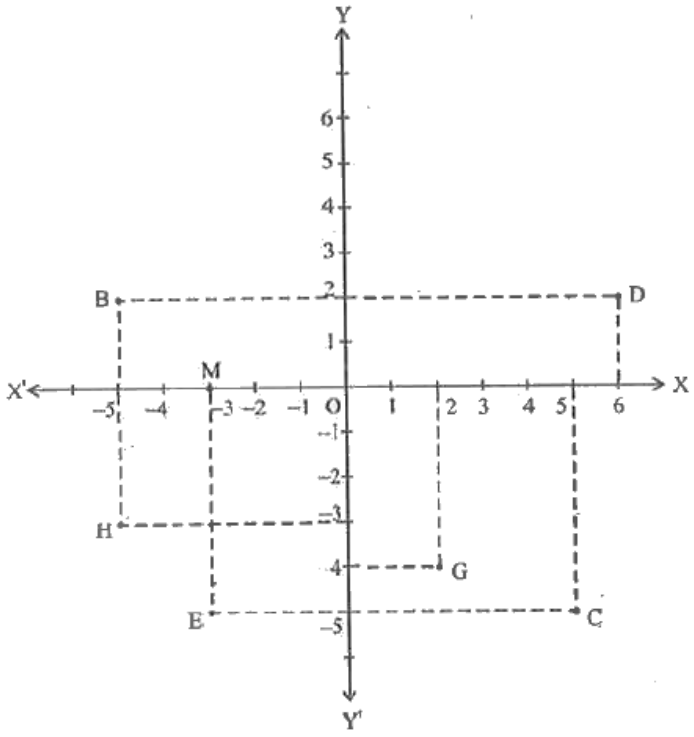
4. See fig and write the



The co-ordinates of B

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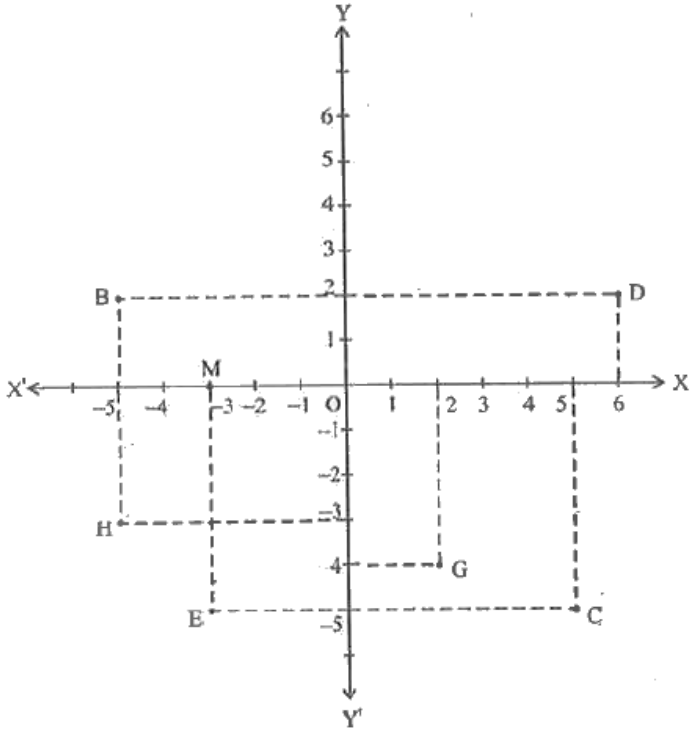
5. See Fig and write the



The co-ordinates of C

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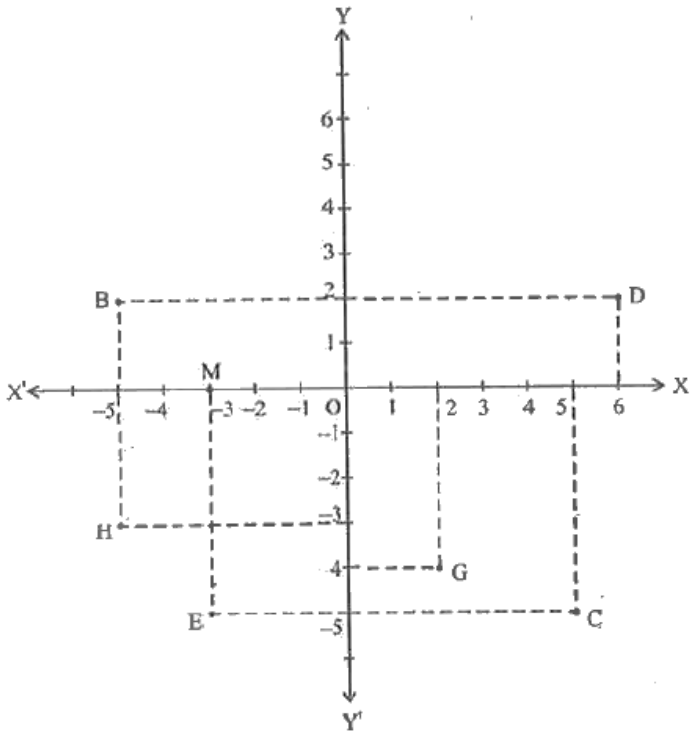
6. See Fig. and write the



The point identified by the co-ordinates $(-3, -5)$

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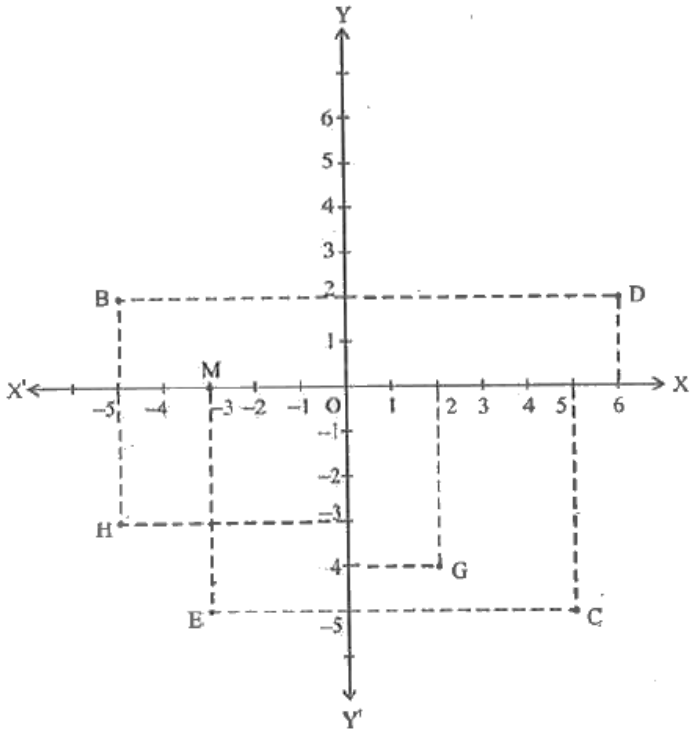
7. See Fig.4 and write the



The point identified by the co-ordinates $(2, -4)$

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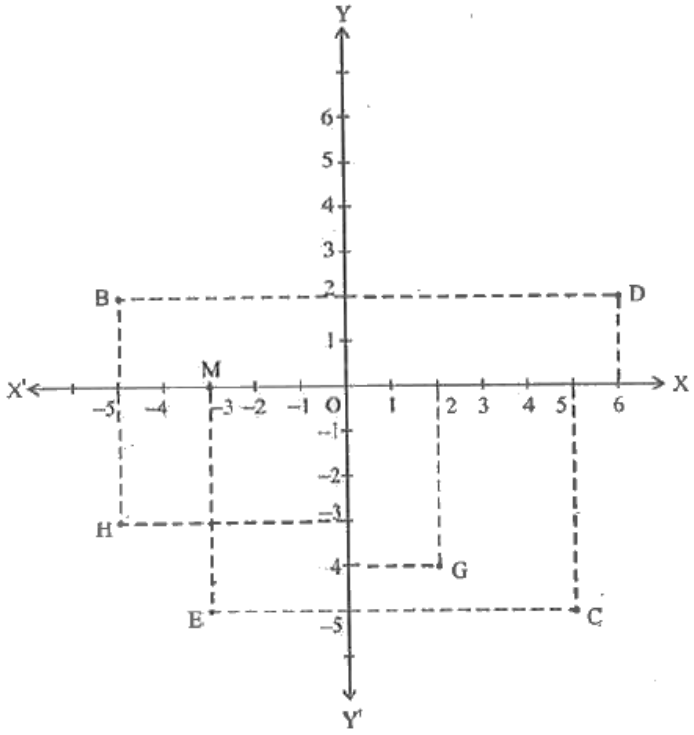
8. See Fig. and write the



The abscissa of the point D.

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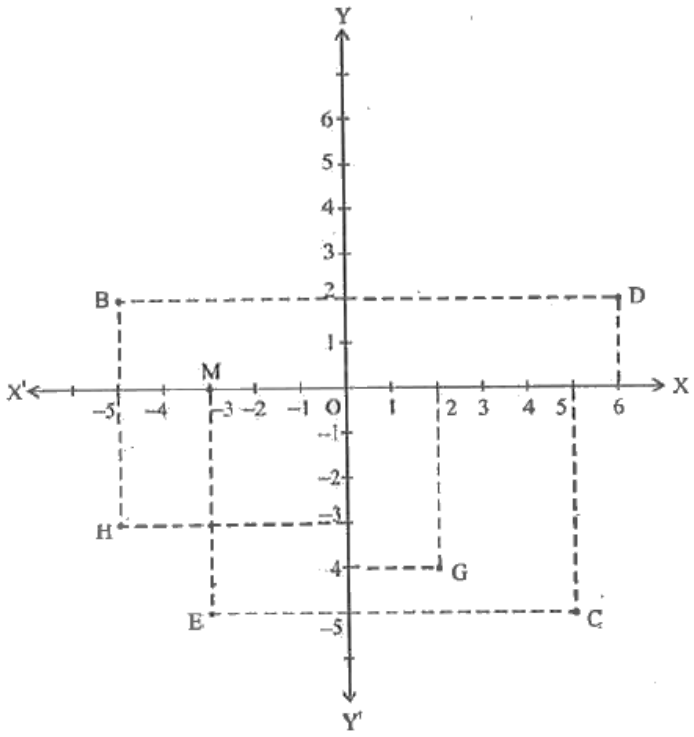
9. See Fig. and write the



The ordinate of the point H.

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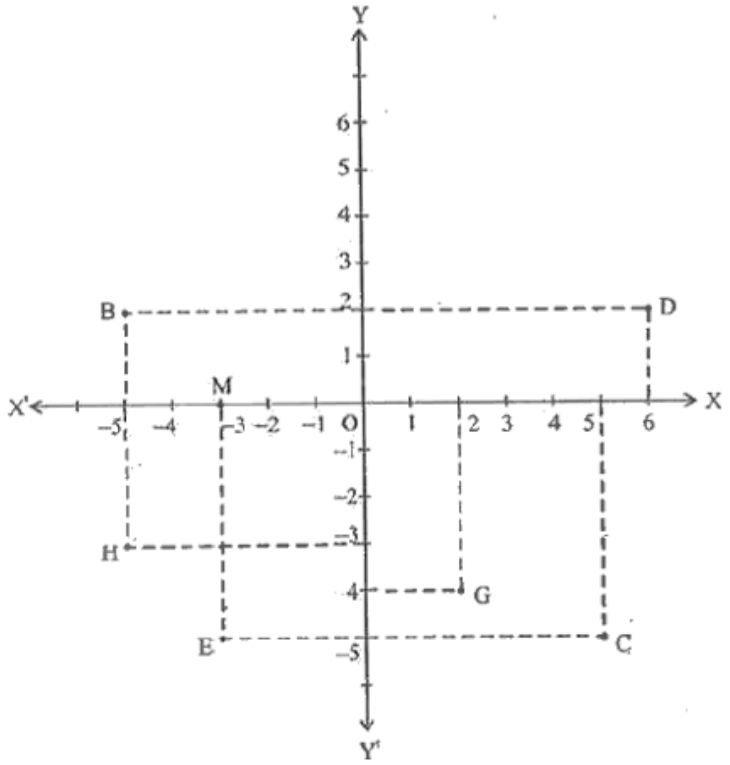
10. See Fig. and write the



The co-ordinates of the point L.

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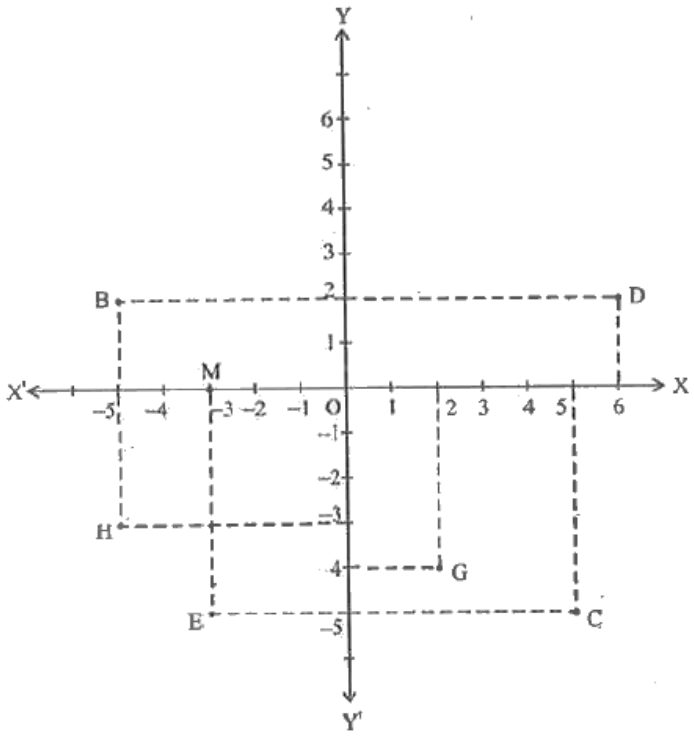
11. See Fig.and write the



The co-ordinates of the point M.

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Exercise 9 3

1. In which quandrant or on which axis do each of the points $(-2, 4), (3, -1), (-1, 0), (1, 2)$ and $(-3, -5)$ lie ? Verify you answer by locating them on the cartesian plane.

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