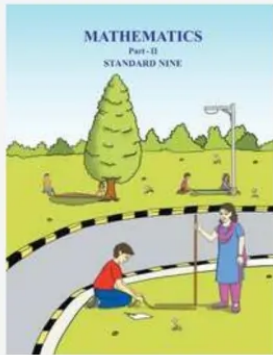


Maharashtra Board Solutions Class 9-Maths (Part 2): Chapter 7.1- Co-ordinate Geometry

BOOK SOLUTIONS
CLASS 9
MATHS (PART 2)

CHAPTER 7.1
Co-ordinate Geometry



Maharashtra Board Solutions→

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Maharashtra Board Solutions Class 9-Maths (Part 2): Chapter 7.1- Co-ordinate Geometry

Class 9: Maths Chapter 7.1 solutions. Complete Class 9 Maths Chapter 7.1 Notes.

Maharashtra Board Solutions Class 9-Maths (Part 2): Chapter 7.1- Co-ordinate Geometry

Maharashtra Board 9th Maths Chapter 7.1, Class 9 Maths Chapter 7.1 solutions

Question 1.

State in which quadrant or on which axis do the following points lie.

- i. A(-3, 2)
- ii. B(-5, -2)
- iii. K(3.5, 1.5)
- iv. D(2, 10)
- v. E(37, 35)
- vi. F(15, -18)
- vii. G(3, -7)
- viii. H(0, -5)
- ix. M(12, 0)
- x. N(0, 9)
- xi. P(0, 2.5)
- xii. Q(-7, -3)

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Solution:

Sr. No.	Point	x co-ordinate	y co-ordinate	Quadrant/Axis
i.	A(-3, 2)	Negative	Positive	Quadrant II
ii.	B(-5, -2)	Negative	Negative	Quadrant III
iii.	K(3.5, 1.5)	Positive	Positive	Quadrant I
iv.	D(2, 10)	Positive	Positive	Quadrant I
v.	E(37, 35)	Positive	Positive	Quadrant I
vi.	F(15, -18)	Positive	Negative	Quadrant IV
vii.	G(3, -7)	Positive	Negative	Quadrant IV
viii.	H(0, -5)	0	Negative	Y – axis
ix.	M(12, 0)	Positive	0	X – axis
x.	N(0, 9)	0	Positive	Y – axis
xi.	P(0, 2.5)	0	Positive	Y – axis
xii.	Q(-7, -3)	Negative	Negative	Quadrant III

Question 2.

In which quadrant are the following points?

- whose both co-ordinates are positive.
- whose both co-ordinates are negative.
- whose x co-ordinate is positive and the y co-ordinate is negative.
- whose x co-ordinate is negative and y co-ordinate is positive.

Solution:

- Quadrant I
- Quadrant III
- Quadrant IV
- Quadrant II

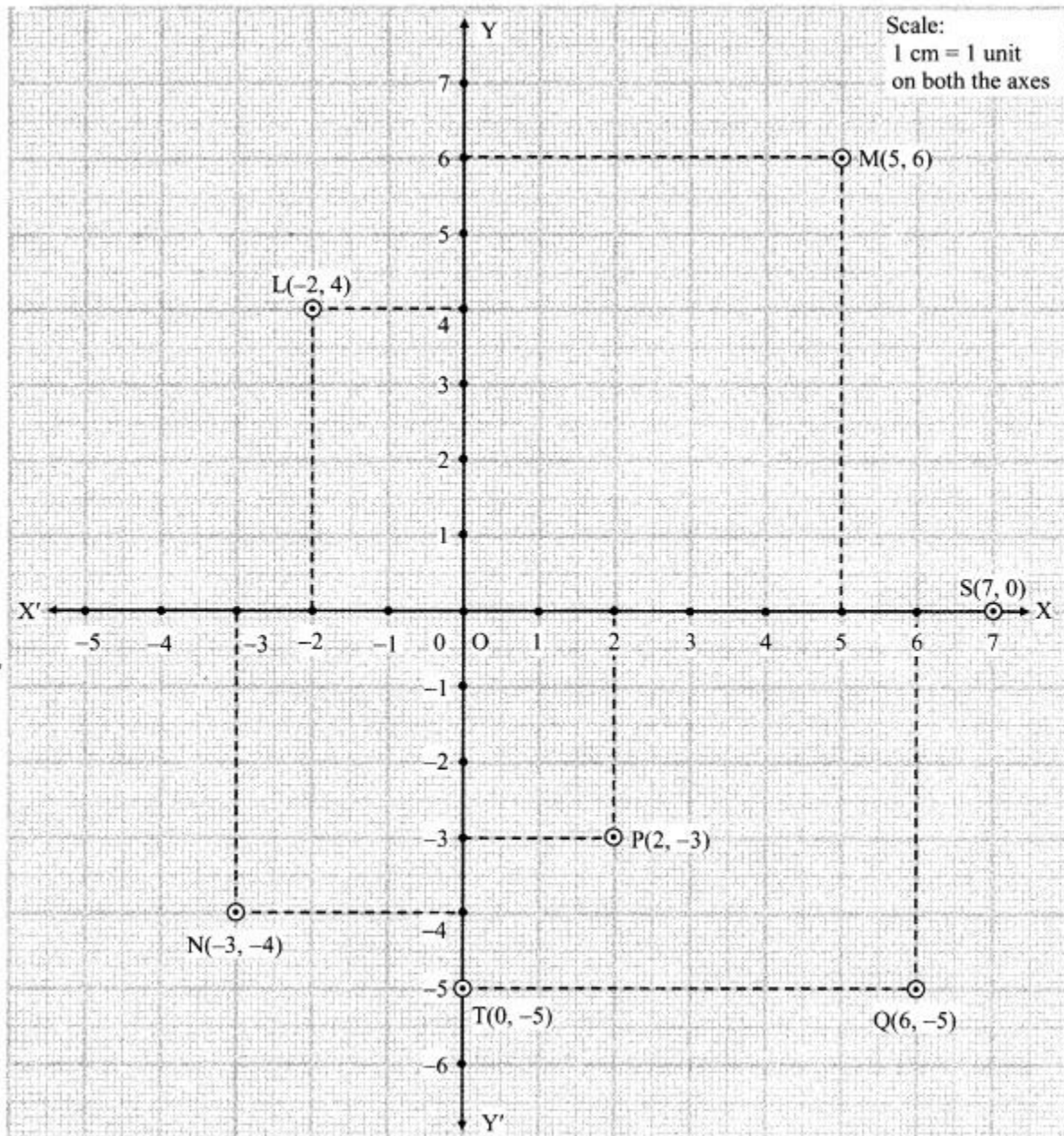
Question 3.

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Draw the co-ordinate system on a plane and plot the following points.

L(-2, 4), M(5, 6), N(-3, -4), P(2, -3), Q(6, -5), S(7, 0), T(0, -5)

Solution:



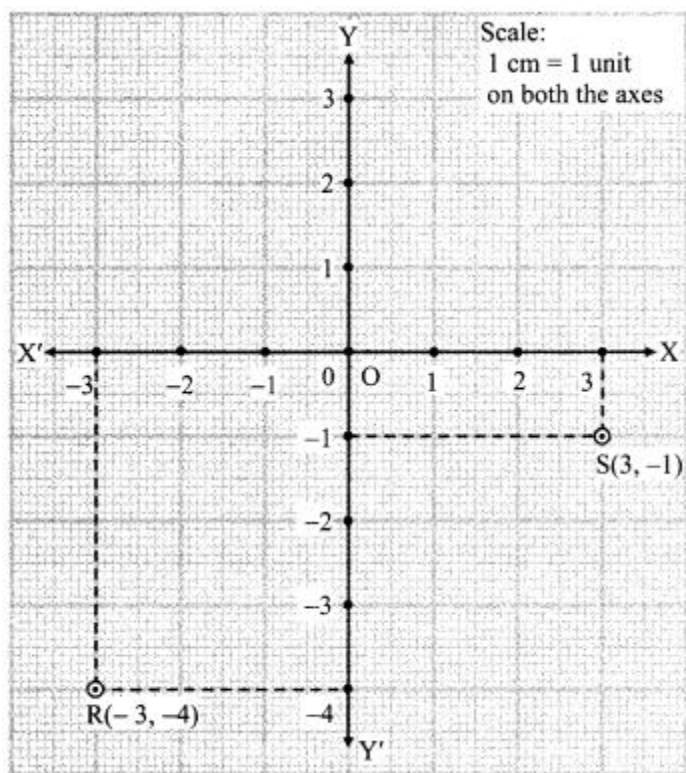
Question 1.

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Plot the points $R(-3, -4)$, $S(3, -1)$ on the same co-ordinate system. (Textbook pg. no. 93)

Steps for plotting the points:

- Draw X-axis and Y-axis on the plane. Show the origin.
- Draw a line parallel to Y-axis at a distance of 3 units in the -ve direction of X-axis.
- Draw another line parallel to X-axis at a distance of 4 units in the -ve direction of Y-axis.
- Intersection of these lines is the point $R(-3, -4)$.
- The point S can be plotted in the same manner.



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Class 9 Maths

Part 2

- Chapter 1.1- Basic Concepts in Geometry
- Chapter 1.2- Basic Concepts in Geometry
- Chapter 1.3- Basic Concepts in Geometry
- Chapter 2.1- Parallel Lines
- Chapter 2.2- Parallel Lines
- Chapter 3.1- Triangles
- Chapter 3.2- Triangles
- Chapter 3.3- Triangles
- Chapter 3.4- Triangles
- Chapter 3.5- Triangles
- Chapter 4.1- Constructions of Triangles
- Chapter 4.2- Constructions of Triangles
- Chapter 4.3- Constructions of Triangles
- Chapter 5.1- Quadrilaterals
- Chapter 5.2- Quadrilaterals
- Chapter 5.3- Quadrilaterals
- Chapter 5.4- Quadrilaterals
- Chapter 5.5- Quadrilaterals
- Chapter 6.1- Circle
- Chapter 6.2- Circle
- Chapter 6.3- Circle
- Chapter 7.1- Co-ordinate Geometry
- Chapter 7.2- Co-ordinate Geometry
- Chapter 8.1- Trigonometry
- Chapter 8.2- Trigonometry
- Chapter 9.1- Surface Area and Volume
- Chapter 9.2- Surface Area and Volume
- Chapter 9.3- Surface Area and Volume

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About About Maharashtra State Board (MSBSHSE)

The Maharashtra State Board of Secondary and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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