(Learning Time :-3 hours & 20 minutes)

Number Line & Cartesian plane

25.4 Cartesian Plane.

- The Cartesian plane included with two perpendicular lines can be used to denote a point on a plane.

- When we are writing coordinates of a point; First the X coordinates, next the Y coordinates will be written within the brackets.

- Recall what you learned about Cartesian planes in grade 7.

- Answer the problem 4 in review exercise by studying the page 103.

25.5 Plotting points on a Cartesian Plane.

- Coordinates with negative numbers can also be marked on a Cartesian plane.

- Complete the Exercise 25.4 by studying the pages 110 & 111.

25.6 Straight lines parallel to axes of a Cartesian plane.

- Complete the exercise 25.5 by studying the pages 112 & 113.

- Write a summary about what you learned in this lesson.

- Complete the miscellaneous exercise.