

Activity 1 – Cartesian Coordinates

Objective

When you have completed this activity, you will have the knowledge and skills to complete a line drawing using Cartesian coordinates.

You will be able to:

- define absolute and relative coordinates.
- locate points using Cartesian coordinates.

Procedure: Drawing with Cartesian Coordinates

Obtain a piece of graph paper from your instructor. Hold the paper lengthwise and draw a line for the X axis along the bottom edge of the grid. Draw the Y axis along the left edge of the grid. Label the origin. Number the X axis from 0 to 35. Number the Y axis from 0 to 15

You will now draw four lines on one graph. Your lines should form a picture of an object. Connect the points indicated by the following coordinates, in the order given:

First Line

<u>Point #</u>	<u>Coordinates</u>
#1	13, 9
#2	@2,0
#3	@0,2
#4	@-2, -2