

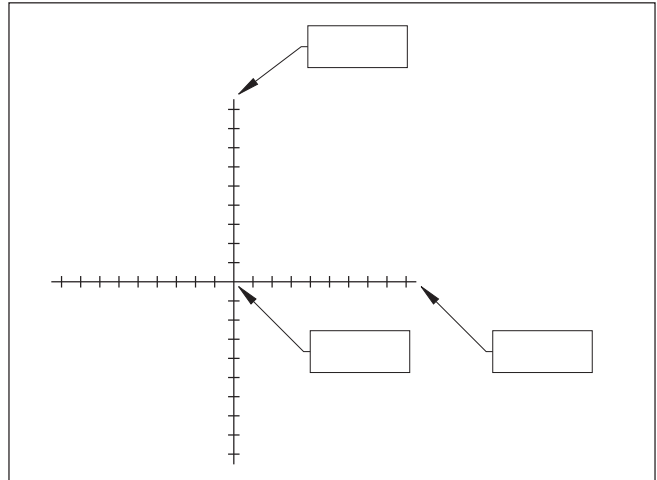
04-01

Coordinate Geometry

The majority of point definitions in manual CNC programming uses the system of *Rectangular Coordinates* - also known as the *Cartesian Coordinates*. This project explores the use of this system in three examples.

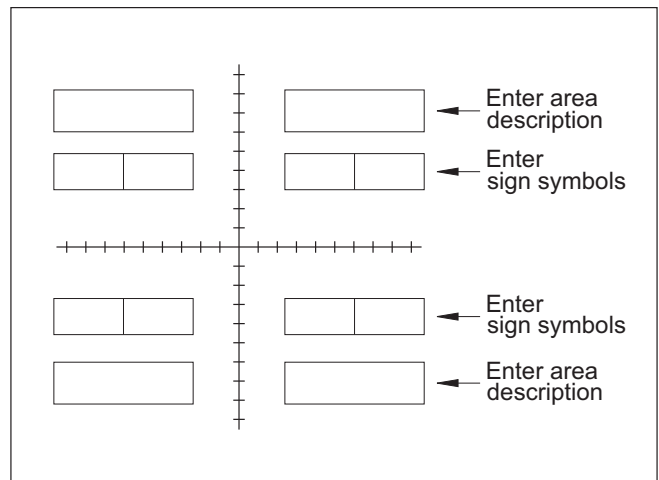
Project 04-01A

In the illustration on the right, fill-in correct names in the three boxes indicated by arrows - the intersection, the vertical line and the horizontal line



Project 04-01B

In the illustration on the right, fill-in the eight boxes with names or definitions as indicated by the arrows



Project 04-01C

From the illustration on the right, identify the points by their rectangular coordinates

P1 _____ P2 _____

P3 _____ P4 _____

P5 _____ P6 _____

P7 _____ P8 _____

