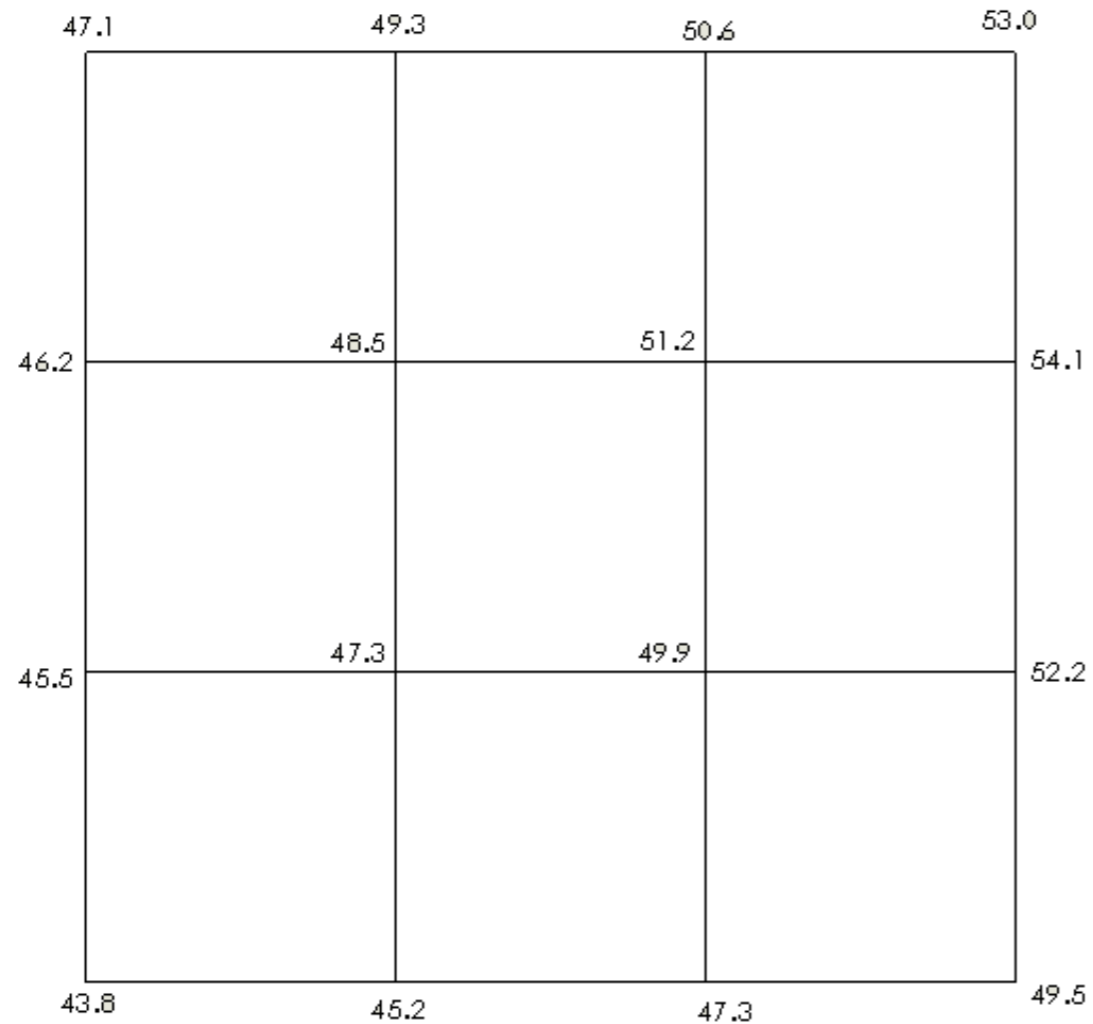


PREPARATION OF CONTOUR MAP USING GRID SURVEY AND INTERPOLATION

Before a contour map can be prepared, a survey of the area must be made to determine the elevation of an adequate number of selected points. One frequently used method for locating points is the grid system shown below.

The elevation of each intersection point on the grid is shown. It is required to show contours at 2 m intervals.

Plot the contours for the grid levels shown.



- Contours :-** A contour is a line on a map which join points of equal height.
- Contour Interval:-** The vertical distance between horizontal planes passing through successive contours.
- Interpolation :-** The plotting / drawing of contour lines on a map.

