- Let Δ be a determinant

$$\Delta = \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

Minor, of an element a_{ij}, denoted by M_{ij} is defined as determinant of a sub – matrix obtained by deleting the ith row and j^{th} column, in which the element is present, of Δ.

$M_{11} = d$

$M_{12} = c$

$M_{21} = b$

$M_{22} = a$

$$\begin{vmatrix} a & b \\ c & d \end{vmatrix} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$