

Answer on Question # 41636 – Math – Matrix

Compute the determinant of the matrix

$$\begin{pmatrix} -1 & -4 \\ -1 & -2 \end{pmatrix}$$

Solution.

$$\begin{vmatrix} -1 & -4 \\ -1 & -2 \end{vmatrix} = (-1)(-2) - (-1)(-4) = 2 - 4 = -2.$$