

**Answer on Question # 41340 – Math - Real Analysis**

Compute the determinant of :  $\begin{vmatrix} -1 & -4 \\ -1 & -2 \end{vmatrix}$ .

**Solution:**

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

**Answer:**

d. -2