2. Find determinant of the matrix:

Using MathCAD:

$$\begin{pmatrix} 1 & [& -1 & 2 \\ 3 & 0 & 2 & 4 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 4 & 3 \end{pmatrix} \longrightarrow 5 \cdot [-19$$