

A= |17-3 | det A:-22-45=-67  $\begin{aligned}
\det A &= \begin{vmatrix} 1 - 23 \\ 4 06 \end{vmatrix} = +2 \begin{vmatrix} -79 \\ -79 \end{vmatrix} - 8 \begin{vmatrix} 1 & 3 \\ 4 & 6 \end{vmatrix} = 2(36 + 42) - 8(6 - 12) = 2 \cdot 78 - 8 \cdot (-6) = 204 \\
-789 \end{vmatrix} \\
\det A &= \begin{vmatrix} 3 - 271 \\ 5120 \end{vmatrix} = 42 \cdot 79 \begin{vmatrix} -814 \\ -79 \end{vmatrix} - 8 \begin{vmatrix} 1 & 3 \\ 4 & 6 \end{vmatrix} = 2(36 + 42) - 8(6 - 12) = 2 \cdot 78 - 8 \cdot (-6) = 204 \\
-789 \end{vmatrix} \\
-789 \begin{vmatrix} -789 \\ -789 \end{vmatrix} = -789 \begin{vmatrix} -789 \\ -789 \end{vmatrix} - 8 \begin{vmatrix} 1 & 3 \\ 1 & 1 \end{vmatrix} + \begin{vmatrix} 377 \\ -771 \end{vmatrix} + \begin{vmatrix} 377 \\ -771 \end{vmatrix} - 2 \begin{vmatrix} 377 \\ -171 \end{vmatrix} = -789 \begin{vmatrix} -177 \\ -171 \end{vmatrix} + \begin{vmatrix} -777 \\ -167 \end{vmatrix} + \begin{vmatrix} -777 \\ -177 \end{vmatrix} + \begin{vmatrix} -777 \\ -177$ 5-13 -14 -2-(-5)= -65-14+10 = -69 (2) 31131 -1-11=3.1.3+1.1.2-1.1.6+2.1.1-6.1.3-3.7.1= 26-3|26|=9+2-6+2-18-3=-14