

Computing 3x3 determinants

1. a) Compute $\begin{vmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{vmatrix}$. b) Compute $\begin{vmatrix} 2 & 1 & -5 \\ 0 & 0 & 4 \\ 3 & 1 & 2 \end{vmatrix}$.

2. Compute $\begin{vmatrix} 1 & 2 & 3 & 4 \\ 0 & 0 & 6 & 0 \\ 1 & 0 & 2 & 0 \\ 1 & 5 & 1 & 2 \end{vmatrix}$

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