$$
\begin{aligned}
\left|\begin{array}{lll}
1 & 4 & 7 \\
2 & 5 & 8 \\
3 & 6 & 9
\end{array}\right| & =1\left|\begin{array}{ll}
5 & 8 \\
6 & 9
\end{array}\right|-4\left|\begin{array}{ll}
2 & 8 \\
3 & 9
\end{array}\right|+7\left|\begin{array}{ll}
2 & 5 \\
3 & 6
\end{array}\right| \\
& =1(45-48)-4(18-24)+7(12-15)
\end{aligned}
$$

Determinant calculation ?

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