

Number:
Title:

Textbook Section:

1. Compute the determinant $\begin{vmatrix} 2 & 3 \\ 1 & 5 \end{vmatrix}$.

2. Compute the determinant $\begin{vmatrix} 3 & -4 \\ 7 & 2 \end{vmatrix}$.

3. Compute the determinant $\begin{vmatrix} 3 & -9 & 4 \\ 1 & 4 & 0 \\ 8 & -3 & 1 \end{vmatrix}$. (This is done three times in the video.)

4. Solve for x : $\begin{vmatrix} x & 2 & 3 \\ 1 & x & 0 \\ 6 & 1 & -2 \end{vmatrix} = 7$

5. Compute the determinant $\begin{vmatrix} 9 & 3 & 1 \\ 2 & 0 & 4 \\ -6 & 5 & 7 \end{vmatrix}$.