

VD 7.7

Find the determinant of the following matrices

$\begin{bmatrix} 1 & 4 & -2 \\ 3 & 2 & 0 \\ -1 & 4 & 3 \end{bmatrix}$	-58
$\begin{bmatrix} -2 & 9 & -4 \\ 7 & -6 & 0 \\ -6 & 7 & -6 \end{bmatrix}$	-34
$\begin{bmatrix} 5 & 0 & 0 \\ -3 & 1 & 6 \\ 2 & 7 & 0 \end{bmatrix}$	-210
$\begin{pmatrix} -1 & 2 & 1 \\ 1 & 0 & 2 \\ -1 & 2 & 1 \end{pmatrix}$	0
$\begin{pmatrix} 4 & -1 & -4 \\ 0 & 1 & 0 \\ -2 & 3 & 0 \end{pmatrix}$	-8
$\begin{pmatrix} 2 & 1 & 0 \\ 1 & 4 & 3 \\ 0 & 2 & 6 \end{pmatrix}$	30
$\begin{pmatrix} 5 & 0 & 3 \\ -1 & 1 & 0 \\ 0 & 3 & 1 \end{pmatrix}$	-4