

Given the matrix

$$A = \begin{bmatrix} 4 & 1 & 4 \\ 3 & 1 & -2 \\ -3 & 1 & 5 \end{bmatrix},$$

find its determinant.

The determinant is .

Given the matrix

$$A = \begin{bmatrix} 4 & 1 & 4 \\ 3 & 1 & -2 \\ -3 & 1 & 5 \end{bmatrix},$$

find its determinant.

The determinant is .