

The determinant of the matrix

$$A = \begin{bmatrix} 9 & -7 & 0 & 8 \\ 2 & -9 & 0 & 0 \\ 0 & -2 & 0 & 0 \\ 7 & 2 & -8 & -7 \end{bmatrix}$$

is .

Hint: Find a good row or column and expand by minors.

The determinant of the matrix

$$A = \begin{bmatrix} 9 & -7 & 0 & 8 \\ 2 & -9 & 0 & 0 \\ 0 & -2 & 0 & 0 \\ 7 & 2 & -8 & -7 \end{bmatrix}$$

is -256 .

Hint: Find a good row or column and expand by minors.