determinant

Let A be an 2×2 matrix given as $A = \begin{bmatrix} a & b \\ c & d \end{bmatrix}$.

The determinant of A, denoted by

$$det(A) \text{ or } |A| = \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

is given by $ad - bc$.

All good, but what if $n > 2$?

Then we need to define matrix minor and matrix cofactor.

matrix minor and matrix cofactor