Mar. 22, 2017

Sect. 6-5a

Determinant of a Matrix (Square)

Notation

2 x 2

3 x 3

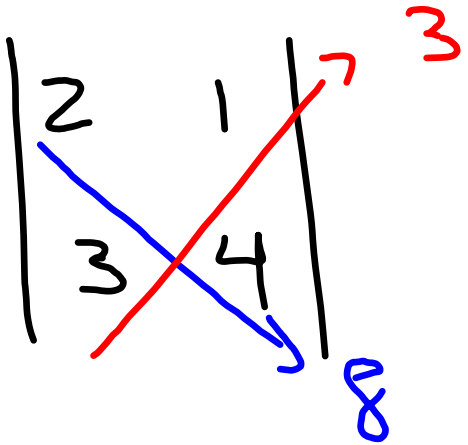
Notation

Given A, find $\det(A)$

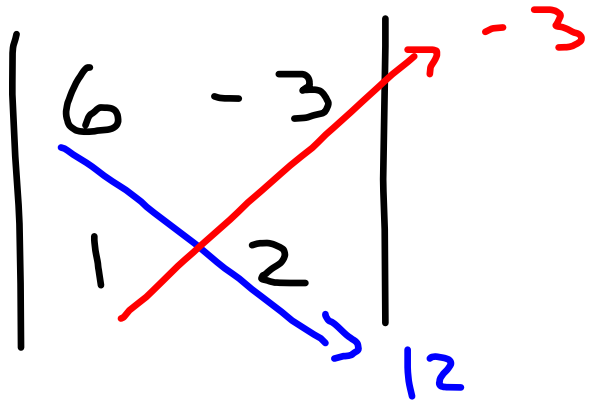
find $|A|$

find $\begin{vmatrix} \# & \# \\ \# & \# \end{vmatrix}$

Topless

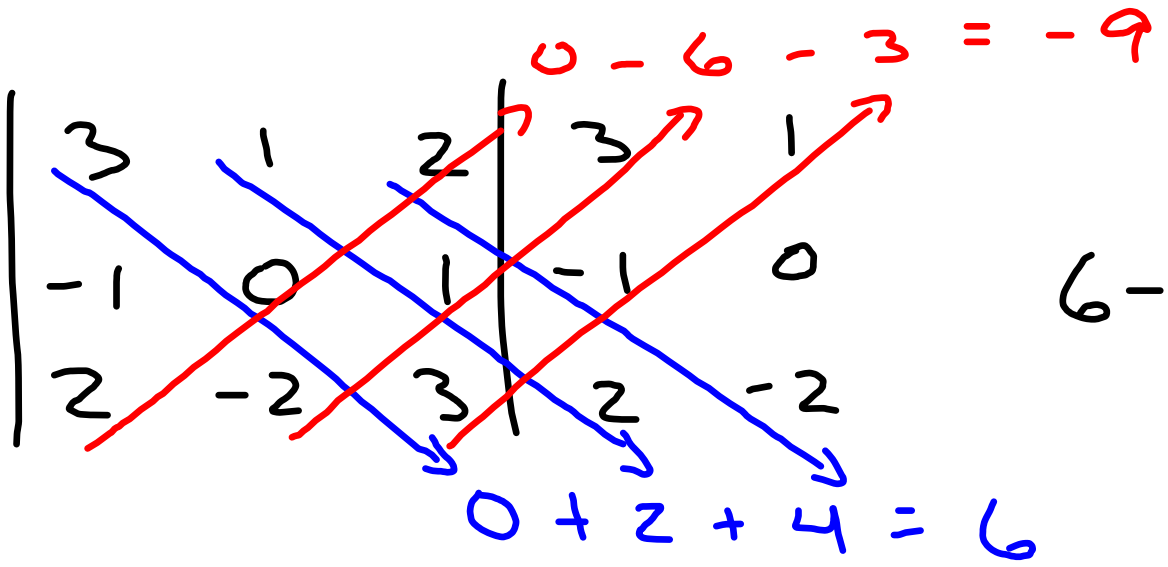


$= 8 - 3 = 5$

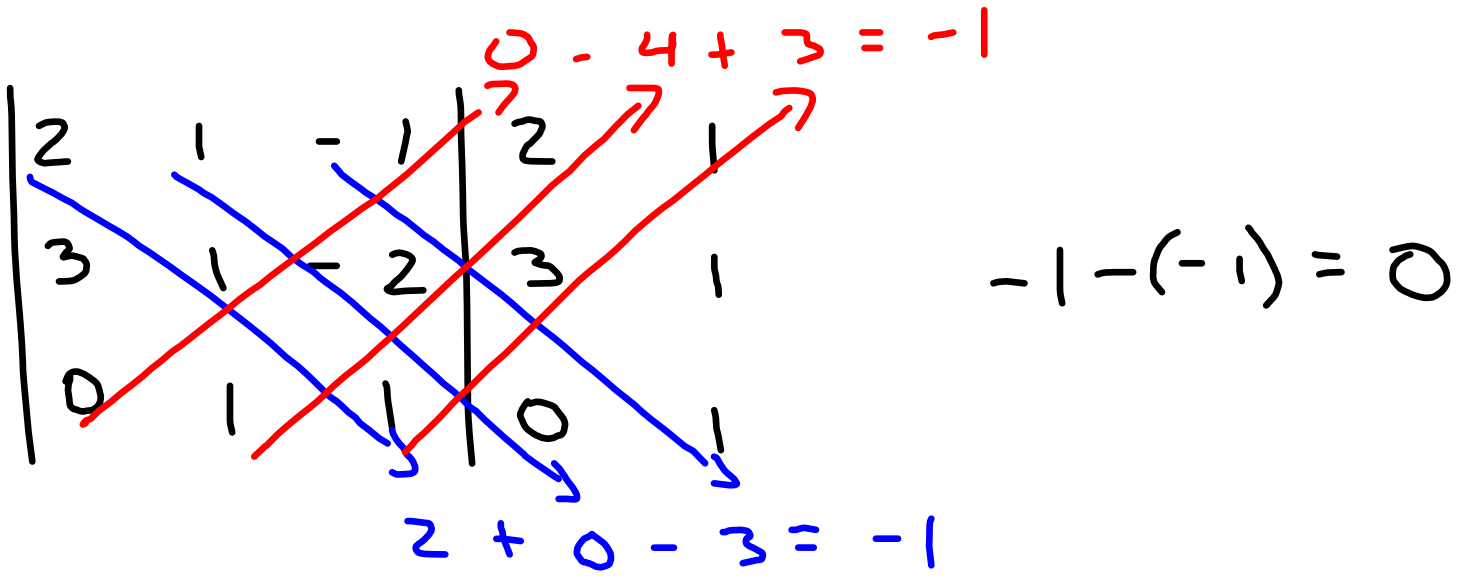


$12-(-3)=15$

$$\begin{vmatrix} 2 & 6 \\ 1 & 3 \end{vmatrix} = 6-6=0$$



$6-(-9)=15$



$-1-(-1)=0$