Determinent

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

$$9x2 - 7x3 = -3$$

Inverse Matrix

$$\begin{bmatrix} q & 7 & 7 & -1 \\ 3 & 2 \end{bmatrix} = \begin{bmatrix} 1 & 1 & 2 & -4 \\ (9x^2) & -(7x^3) & 2 & -3 & 9 \end{bmatrix}$$

$$\begin{bmatrix} 2/-3 & -\frac{1}{2} \\ -\frac{2}{3} & -\frac{1}{3} \\ -\frac{2}{3} & -\frac{1}{3} \end{bmatrix} \begin{bmatrix} \frac{1}{2} & -\frac{1}{2} \\ \frac{1}{2} & -\frac{1}{3} \end{bmatrix}$$