

Ranylos Frangos 1302755
ACHA4000

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(viii) $AB+D$

$$\begin{pmatrix} -18 & -4 & 9 \\ 14 & -75 & -1.6 \\ -6 & 6 & 3.5 \end{pmatrix} + \begin{pmatrix} 8 & 14 \\ 0.25 & 21 \end{pmatrix}$$

$\Rightarrow$ Not mathimatically possible

$$b) \begin{pmatrix} 15x^2 + 4x - 17 & 1 & 11 \\ 2 & 0 & -2 \\ 2 & -2 & x^4 \end{pmatrix} = \begin{pmatrix} y & 1 & 11 \\ 2 & 0 & -2 \\ 2 & -2 & y^2 \end{pmatrix}$$

$$15x^2 + 4x - 17 = y$$

$$y^2 = x^4 \\ \Rightarrow y = x^2$$

$$14x^2 + 4x - 17 = 0$$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-4 \pm \sqrt{4(14)(+17) + 16}}{28}$$