$A = \begin{bmatrix} 3x & 0 \\ 4 & 0 \end{bmatrix}, \quad B = \begin{bmatrix} 2y & 7 \\ 0 & 1 \end{bmatrix}, \quad C = \begin{bmatrix} 7 & x \\ 2x & 1 \end{bmatrix}$ and $D = \begin{bmatrix} 0 & 37 \\ 7 & 0 \end{bmatrix}$ If A+B= C+D, then find the possible volus

Quistion: Consider the following matrices:

(ii) If det(c) = -1, then find the possible volume of x.

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i)
$$A+B=\begin{bmatrix}3x+2y&7\\4&1\end{bmatrix}$$
 $C+D=\begin{bmatrix}7&x+3y\\2x+y&1\end{bmatrix}$

$$2x+y=4 = 2) x=1$$
=) $2y=4=)y=2$ (Ans)

MO soly possible