


Properties For Addition
*A,B,C same dimensions and any scalar $c$, then

* Commutative: $\quad \begin{aligned} & A+B=B+A \\ &\end{aligned}$

Associative: $\quad(A+B)+C=A+(B+C)$
Distributive: $\quad k(A+B)=k A+k B$

Ex5) $A=\left[\begin{array}{rr}2 & 3 \\ -1 & 0\end{array}\right] \quad B=\left[\begin{array}{rr}-2 & 1 \\ 0 & -1\end{array}\right]$ Find 4A-3B

*Will be a twelfalse Question.

