Sean las matrices

$$A=\begin{pmatrix} 3 & 1 & 2 \\ 0 & 5 & -3 \\ 7 & 0 & 4 \end{pmatrix} \qquad B=\begin{pmatrix} -1 & 2 & 4 \\ 2 & 5 & 8 \\ 0 & 1 & -2 \end{pmatrix}$$

Calcular: A+B y A-B

$$A+B \begin{pmatrix} 2 & 3 & 6 \\ 2 & 10 & 5 \\ 7 & 1 & 2 \end{pmatrix}$$

$3+(-1)=2$ $\quad 5+5=10$

$1+2=3$ $\quad -3+8=5$

$2+4=6$ $\quad 7+0=7$

$0+2=2$ $\quad 0+1=1$

$4+(-2)=2$

$$A-B \begin{pmatrix} 4 & -1 & -2 \\ -2 & 0 & -11 \\ 7 & -1 & 6 \end{pmatrix}$$

$3-(-1)=4$ $\quad 5-5=0$

$1-2=-1$ $\quad -3-8=-11$

$2-4=-2$ $\quad 7-0=7$

$0-2=-2$ $\quad 0-1=-1$

$4-(-2)=6$

Created with IDroo.com

En los problemas 27 a 44 realice las operaciones indicadas con A= $\begin{pmatrix} 1 & 3 \\ 2 & 5 \\ -1 & 2 \end{pmatrix}$ **B=** $\begin{pmatrix} -2 & 0 \\ 1 & 4 \\ -7 & 5 \end{pmatrix}$ **C=** $\begin{pmatrix} -1 & 1 \\ 4 & 6 \\ -7 & 3 \end{pmatrix}$

C - A = $\begin{pmatrix} -2 & -2 \\ 2 & 1 \\ -6 & 1 \end{pmatrix}$

$-1-1=-2$

$1-3=-2$

$4-2=2$

$6-5=1$

$-7-(-1)=-6$

$3-2=1$

Created with IDroo.com