Complex Number √-1

(2+i) + (-3-2i) = -1 – i

(2+i) + ($\frac{1}{2}$ – i) = $2\frac{1}{2}$

(2+i) + (4 +i) = 6 +2i

(+)

2+i) - (-3-2i) = 2 + 3 + i +2i = 2 + 3i

(2+i) - ($\frac{1}{2}$ – i) = $1\frac{1}{2}$ + 2i

(2+i) - (4 +i) = -2

(-)

---

i.i = i^2 = - 1

2i.i = $2i^2$ = 2.(-1) = -2

2+i) (-3-2i) = -6 – $2i^2$ -3i - 4i = 2 + 3i = -4 – 7i

(2+i) ($\frac{1}{2}$ – i) = 1 – i^2 + $\frac{1}{2}$ i - 2i = 2 - 1 $\frac{1}{2}$i

(2+i) - (4 +i) = 8 + i^2 + 4i + 2i = 7 + 6i

(x)

$\frac{4+2i}{-4}$ = - 1 - $\frac{1}{2}$ i

$\frac{-1+2i}{i}$ = $\frac{i^2+2i}{i}$ = 2 + i

(:)