P~~ART~~

PART 7

(1) $(2-3i)+(-3+4i)$

$2-3i-3+4i$

$= \underline{i-1}$

(2) $(1+i)(3-2) = (3-2)+(3i-2i)$

$= 3-2+3i-2i$

$= \underline{1-i}$

(3) $(2-i)^2 = (2-i)(2-i)$

$= 4-2i-2i+i^2$

$= \underline{4-4i+i^2}$

(4) $(3+i)/(4-i)$

$4-i \;\big|\; 3+i$

$-4+i$

$7+0$

$\div 1.$

$= -1\frac{7}{4-i}$