

c)
$$1(3+2i)$$

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

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

= $12-9i+8i-6i^2$
= $14-i$

$$g) = \frac{(6-5i)}{3+2i} \times \frac{3-2i}{3-2i}$$

$$= \frac{18-12i-15i+10i^{2}}{3^{2}+2^{2}}$$

$$= \frac{8-27i}{13}$$

3)
$$[(4-3;)^{2}]$$

= $[16-12i-12i+9i^{2}]$
= $[7-24;]$
= $[5]$
= $[5]$
= $[5]$
= $[5]$