- $(2+3i)\cdot(1+i) = (2-3, 2+3)$

$(-1, 5)$

$= \sqrt{(-1)^2+5^2} = \sqrt{2+25} = \sqrt{27}$

$= \sqrt{9\times3}$

$= 3\sqrt{3}$

- $(1+i)\cdot(1-i) = (1-(-1), -1+1)$

$= (2, 0) = 2+0i$

$z(2,0) = \sqrt{2^2+0^2} = \sqrt{4} = 2$

5. $2x+2$ grado 1

- x^3+3x+2 grado 3
- $(x^2+x+1)(x-1) = +x^3+x^2+x-x^2-x-1$

$= x^3-1 \Rightarrow$ grado 3

- $(x+1)^2 = x^2+2x+1 \Rightarrow$ grado 2
- $(x+1)(x-1) = x^2-1 \Rightarrow$ grado 2