$\cdot (x^2+x+1)\cdot(x-1) = x^3+x^2+x-x^2-x-1$

$= x^3-1$

$\cdot (x+1)^2 = x^2+2x+1$

$\cdot (x+1)(x-1) = x^2-x+x-1$

$= x^2-1$

⑨ $\cdot 2+3i$

$z(2,3) \Rightarrow |z| = \sqrt{2^2+3^2} = \sqrt{4+9} = \sqrt{13}$

$\cdot i$

$z(0,1) \Rightarrow |z| = \sqrt{0^2+1^2} = \sqrt{0+1} = \sqrt{1} = 1$

$\cdot (2+3i)+(1+i) = (3,4) = 3+4i$

$z(3,4) = |z| = \sqrt{3^2+4^2} = \sqrt{9+16} = \sqrt{25} = 5$

$\cdot (1+i)+(1-i) = (2,0) \Rightarrow |z| = \sqrt{2^2+0^2} = \sqrt{4} = 2$