

Exercise 1. Calculate: $\frac{2+3i^3}{4+2i}$, $(7-2i) \cdot (5+3i^9)$

Exercise 2. Find the polar form of: $z_1 = \sqrt{3} \cdot i - 3$, $z_2 = 2\sqrt{3} - 2i$.

Exercise 3. Use the de Moivre's formula to calculate: z_1^{28} and z_2^{41} .

Exercise 4. Solve the equation: $x^2 - 6x + 13 = 0$