

Exercise 1. Calculate: $\frac{-2+3i}{4-2i}$, $(5 + 2i^3) \cdot (7 + 3i^{13})$

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

Exercise 3. Use the de Moivre's formula to calculate: z_1^{18}

Exercise 4. Solve the equation: $x^2 + 8x + 25 = 0$