

Personal Skills 1

The answers to the equation and the equation is the lowest degree

Learning outcomes Find the n root of a complex number when n ∈ I+, and Solve polynomial equations of one variable with integer coefficients of degree less than or equal to three

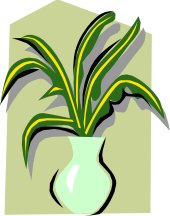
Intended destination Find the root of the equation, and the rest of polynomial equations is n when n ∈ I+ and n ≥ 2, which has the lowest coefficient being an integer.

Name Class.No.....

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Find the answers to all of the equations

Table with 2 columns. Column 1: 1) Given. 2i the answer of the equation. x^4 + 3x^3 + 5x^2 + 12x + 4 = 0. Solution. Column 2: 2) Given 2 The answer is twice of the equation. x^3 - 8x^2 + 20x - 16 = 0. Solution.



Find the polynomial equation whose coefficients are low, which is a rational number given to the answers to the equation.

Table with 2 columns. Column 1: 1) 1, 1, 1+i, 1+i. Solution. Column 2: 2) i, 1 + sqrt(3)i, 1. Solution.



Summary score

Score 8 points made points

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