

DIVISIÓN DE POLINOMIOS

1. Efectuar la siguiente división:

Dividir: $x^5 - x^4 + x^2 - x$ entre $x^3 - x^2 + x$

Solución:

The diagram illustrates the division of the polynomial $x^5 - x^4 + x^2 - x$ by $x^3 - x^2 + x$ using square blocks. The dividend is represented by a row of 1x1 blocks: 5 in the first row, 4 in the second, 0 in the third, 2 in the fourth, and 1 in the fifth. The divisor is represented by a row of 1x1 blocks: 3 in the first row, 2 in the second, and 1 in the third. The quotient is shown above the dividend, and the remainder is shown below it.