Algebra 2

6.3 Adding, Subtracting, and Multiplying Polynomials

Adding Polynomials

Add ______ like terms.

EX1: Add the polynomials.

a)
$$3x^{3} + 2\xi^{2} - \xi - 7 \\ + \xi^{3} - 10\xi^{2} + 8$$

b)
$$(9x^3 - 2\xi + 1) + (5\xi^2 + 12\xi - 4)$$

Subtracting Polynomials

Change all of the ______ of the second polynomial.

like terms.

EX2: Subtract the polynomials.

a)
$$8x^3 - 3\xi^2 - 2\xi + 9$$
$$-(2\xi^3 + 6\xi^2 - \xi + 1)$$

b)
$$(2x^2 + 3\xi) - (3\xi^2 + \xi - 4)$$

Polynomial Operations Ea Answers

Jianjun Gao

Polynomial Operations Ea Answers:

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