9-2 Multiplying with Polynomials

Objectives:

- I can multiply polynomials

May 31-1:48 PM

Multiplying Polynomials

All values must be distributed. After multiplying, combine all like terms and write into standard form.

$-4(x^2+x-5)$

$-4x^2-4x+20$

$(x+5)(x^2-3x-4)$

$x^3-3x^2-4x+5x^2-15x-20$

$x^3+2x^2-19x-20$

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Multiply the following

$(x+2)(3x-5)$

$3x^2-5x+6x-10$

$3x^2+x-10$

$2(x^2-11)$

$(3x-4)(2+x-7x^2)$

$6x+3x^2-21x^3-8-4x+28x^2$

$-21x^3+31x^2+2x-8$

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Multiply the following polynomials

$(3+2x)(4-7x+5x^2)$

$(x-6)(3-8x-4x^2)$

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Multiply the following

$(-x+2)(x-6)$

$x(x^3+3x^2-x+2)$

$(-x^2+7)(3x^2+x-2)$

Feb 26-2:08 PM

Mar 14-9:15 AM