Learning Target 6.2
How can I perform the different operations with polynomials.

Topic: Multiplying

Mar 21-10:15 AM

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

$2x^2(3x^2)$ $2x^2(-4x)$ $2x^2(3)$ $6b^2 + 15b + 8b + 20$

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

$3x^2 \quad -4x \quad +3$ $6b^2 + 23b + 20$

| $2x^2$ | $6x^4$ | $-8x^3$ | $+6x^2$ |

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

Jan 3-10:47 PM

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

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

$35x^3 + 15x^2 - 20x - 14x^2 - 6x + 8$

$35x^3 - 1x^2 - 26x + 8$

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$(y - 2)(3y + 8)(y - 4)$

$3y^2 + 8y - 6y - 16$

$(3y^2 + 2y - 16)(y - 4)$

$3y^3 - 12y^2 + 2y^2 - 8y - 16y + 64$

$3y^3 - 10y^2 - 24y + 64$

Apr 7-1:00 PM

$(x + 5)^3$

$(x + 5)(x + 5)(x + 5)$

$x^3 + 125$

$(x^2 + 10x + 25)(x + 5)$

$x^3 + 15x^2 + 75x + 125$

Apr 7-1:00 PM