6-3 Adding, Subtracting, and Multiplying Polynomials

Alg. 2 std. 7.0

1 $(8x^{2n} - 5)(3x^{2n} + 7)$

$24x^{4n} + 41x^{2n} - 35$

2 $(2x - 4y)^3$ $= (2x-4y)^2(2x-4y)$

$8x^3 - 48x^2y + 96xy^2 - 64y^3$ $= (4x^2 - 16xy + 16y^2)(2x-4y)$

$= 8x^3 - 16x^2y$
$-32x^2y + 64xy^2$
$32xy^2 - 64y^3$