



Multiplying Polynomials

Name: _____

Date: _____ Score: _____

$$(5x^2 - 8x - 8)(x - 4)$$

$$(x + 6)(x - 5)$$

$$(9x^2 - 8)(6x + 5)$$

$$(8 - 9x)(3x + 5)$$

$$(3x^2 - 9x - 9)(9x + 4)$$

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

$$(9x + 2)(5x^2 + 5x + 5)$$

$$(1 + 6x)(4x + 6)$$

$$(4 + 9x^2)(4x + 7)$$

$$(x + 7)(7x + 6)$$



Multiplicating Polynomials

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$$(5x^2 - 8x - 8)(x - 4)$$
$$5x^3 - 28x^2 + 24x + 32$$

$$(x + 6)(x - 5)$$
$$x^2 + x - 30$$

$$(9x^2 - 8)(6x + 5)$$
$$54x^3 + 45x^2 - 48x - 40$$

$$(8 - 9x)(3x + 5)$$
$$-27x^2 - 21x + 40$$

$$(3x^2 - 9x - 9)(9x + 4)$$
$$27x^3 - 69x^2 - 117x - 36$$

$$(7 - 3x^2)(x + 2)$$
$$-3x^3 - 6x^2 + 7x + 14$$

$$(9x + 2)(5x^2 + 5x + 5)$$
$$45x^3 + 55x^2 + 55x + 10$$

$$(1 + 6x)(4x + 6)$$
$$24x^2 + 40x + 6$$

$$(4 + 9x^2)(4x + 7)$$
$$36x^3 + 63x^2 + 16x + 28$$

$$(x + 7)(7x + 6)$$
$$7x^2 + 55x + 42$$