



## Multiplying Polynomials

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

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

$$(6x^2 - 1)(8x + 7)$$

$$(x^2 + 7x + 7)(4x - 1)$$

$$(3x^2 + 4x + 4)(7x + 6)$$

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

$$(7 + x^2)(8x + 1)$$

$$(3x - 2)(8x^2 + 2x + 2)$$

$$(7x^2 - 3)(8x - 6)$$

$$(8 + 3x)(4x - 6)$$



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$$(3x^2 - 4x - 4)(4x - 3)$$
$$12x^3 - 25x^2 - 4x + 12$$

$$(6x - 8)(8x^2 - 8x - 8)$$
$$48x^3 - 112x^2 + 16x + 64$$

$$(6x^2 - 1)(8x + 7)$$
$$48x^3 + 42x^2 - 8x - 7$$

$$(x^2 + 7x + 7)(4x - 1)$$
$$4x^3 + 27x^2 + 21x - 7$$

$$(3x^2 + 4x + 4)(7x + 6)$$
$$21x^3 + 46x^2 + 52x + 24$$

$$(3x - 3)(3x^2 + 7x + 7)$$
$$9x^3 + 12x^2 - 21$$

$$(7 + x^2)(8x + 1)$$
$$8x^3 + x^2 + 56x + 7$$

$$(3x - 2)(8x^2 + 2x + 2)$$
$$24x^3 - 10x^2 + 2x - 4$$

$$(7x^2 - 3)(8x - 6)$$
$$56x^3 - 42x^2 - 24x + 18$$

$$(8 + 3x)(4x - 6)$$
$$12x^2 + 14x - 48$$