



Name: _____

Date: _____ Score: _____

$$(3x^2 + 4x - 1)(4x + 3) + 4 \times 4x - 3$$

$$(x + 6)(x + 2)(2x - 4)$$

$$(6x^2 - 3)(2x - 1) - 3x^2 - 2x + 2$$

$$(4x + 6)(6x + 1)(4x + 3)$$

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

$$(6x + 4)(x - 2)(x - 6)$$

$$(2x - 3)(4x^2 + 6x + 5) + (4x + 2)(3x + 1)$$

$$(6x^2 - 4x - 1)(6x - 2) + 1 \times 2x - 6$$

$$(5x^2 - 2x + 3)(3x + 1) + 5 \times 3x - 3$$

$$(4x^2 - 4)(x + 5) + 3x^2 + 6x + 2$$



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$$(3x^2 + 4x - 1)(4x + 3) + 4 \times 4x - 3$$
$$12x^3 + 25x^2 + 24x - 6$$

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

$$(6x^2 - 3)(2x - 1) - 3x^2 - 2x + 2$$
$$12x^3 - 9x^2 - 8x + 5$$

$$(4x + 6)(6x + 1)(4x + 3)$$
$$96x^3 + 232x^2 + 144x + 18$$

$$2x - (3 - 5x)(3x - 4)(x + 2)$$
$$15x^3 + x^2 - 44x + 24$$

$$(6x + 4)(x - 2)(x - 6)$$
$$6x^3 - 44x^2 + 40x + 48$$

$$(2x - 3)(4x^2 + 6x + 5) + (4x + 2)(3x + 1)$$
$$8x^3 + 12x^2 + 2x - 13$$

$$(6x^2 - 4x - 1)(6x - 2) + 1 \times 2x - 6$$
$$36x^3 - 36x^2 + 4x - 4$$

$$(5x^2 - 2x + 3)(3x + 1) + 5 \times 3x - 3$$
$$15x^3 - x^2 + 22x$$

$$(4x^2 - 4)(x + 5) + 3x^2 + 6x + 2$$
$$4x^3 + 23x^2 + 2x - 18$$