



StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

$$4x + (1 - x)(x - 4)(5x + 3)$$

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

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

$$(5x - 2)(5x - 1)(3x - 1)$$

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

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

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

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

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

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



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$$4x + (1 - x)(x - 4)(5x + 3)$$
$$-5x^3 + 22x^2 - x - 12$$

$$6x - (5 - 2x)(5x - 4)(5x + 5)$$
$$50x^3 - 115x^2 - 59x + 100$$

$$(5x - 4)(3x + 3)(4x - 6)$$
$$60x^3 - 78x^2 - 66x + 72$$

$$(5x - 2)(5x - 1)(3x - 1)$$
$$75x^3 - 70x^2 + 21x - 2$$

$$(4x^2 - 6x - 4)(3x - 4) + 1 \times 3x + 5$$
$$12x^3 - 34x^2 + 15x + 21$$

$$x - (1 - 4x)(6x + 2)(4x - 5)$$
$$96x^3 - 112x^2 - 17x + 10$$

$$4x + (4 - 3x)(2x - 2)(3x - 4)$$
$$-18x^3 + 66x^2 - 76x + 32$$

$$(6x^2 - 1)(6x + 3) - 5x^2 - 6x - 6$$
$$36x^3 + 13x^2 - 12x - 9$$

$$(2x^2 - 6x + 4)(2x + 6) - 3 \times 2x + 5$$
$$4x^3 - 34x + 29$$

$$(5x + 4)(2x^2 - 3x - 5) + (x + 1)(3x + 1)$$
$$10x^3 - 4x^2 - 33x - 19$$