StudentName: _____ ExamDate: _____ ExamScore: ____

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

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

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

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

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

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

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

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

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

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

StudentName: _____   ExamDate: _____ ExamScore: ____

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

$12x^3 + 30x^2 + 6x - 12$

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

$8x^3 + 22x^2 + 6x - 10$

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

$6x^3 - 27x^2 - 17x + 17$

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

$3x^3 + 15x^2 + 13x + 36$

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

$16x^3 + 8x^2 - 29x - 22$

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

$48x^3 - 84x^2 - 18x + 54$

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

$3x^3 - 11x^2 - 29x - 5$

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

$30x^3 - 28x^2 + 12x - 7$

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

$60x^3 + 34x^2 - 6x - 4$

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

$10x^3 + 50x^2 - 80x - 120$