



Polynomutvidelse

StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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



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$$3x - (1 - 2x)(6x - 6)(2x - 3)$$
$$24x^3 - 72x^2 + 69x - 18$$

$$2x + (3 + 5x)(6x + 2)(6x - 3)$$
$$180x^3 + 78x^2 - 46x - 18$$

$$(6x^2 - 2x + 6)(5x - 6) - 6 \times 6x - 1$$
$$30x^3 - 46x^2 + 6x - 37$$

$$6x + (5 - 6x)(5x + 2)(6x + 6)$$
$$-180x^3 - 102x^2 + 144x + 60$$

$$(4x^2 + 2)(x - 4) - 3x^2 + 3x - 5$$
$$4x^3 - 19x^2 + 5x - 13$$

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

$$(6x + 5)(4x^2 + 5x - 4) - (5x + 6)(6x + 4)$$
$$24x^3 + 20x^2 - 55x - 44$$

$$(2x + 1)(5x - 1)(3x + 4)$$
$$30x^3 + 49x^2 + 9x - 4$$

$$(5x - 1)(6x^2 - 6x + 2) + (2x + 2)(3x - 6)$$
$$30x^3 - 30x^2 + 10x - 14$$

$$x - (1 + 4x)(4x - 4)(5x + 2)$$
$$-80x^3 + 28x^2 + 45x + 8$$