



Polynomentwicklung

Name: _____

Datum: _____ Ergebnis: _____

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

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

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

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

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

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

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

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

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

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



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$$(6x + 3)(2x^2 - 3x - 2) + (3x - 2)(2x - 4)$$
$$12x^3 - 6x^2 - 37x + 2$$

$$(4x + 3)(3x^2 - 2x - 2) + (6x + 4)(2x + 4)$$
$$12x^3 + 13x^2 + 18x + 10$$

$$3x + (1 - 6x)(5x - 4)(2x - 1)$$
$$-60x^3 + 88x^2 - 34x + 4$$

$$(x^2 - 4x + 1)(x + 6) + 1 \times 6x + 6$$
$$x^3 + 2x^2 - 17x + 12$$

$$(x^2 - x + 3)(6x - 1) + 4 \times 2x + 1$$
$$6x^3 - 7x^2 + 27x - 2$$

$$(4x^2 + 6x - 3)(5x + 6) + 2 \times 6x - 4$$
$$20x^3 + 54x^2 + 33x - 22$$

$$(5x^2 - 5x + 6)(6x - 6) - 3 \times 4x + 1$$
$$30x^3 - 60x^2 + 54x - 35$$

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

$$(x - 4)(6x + 4)(x + 5)$$
$$6x^3 + 10x^2 - 116x - 80$$

$$(4x - 2)(6x^2 + 5x + 2) + (5x + 1)(5x - 4)$$
$$24x^3 + 33x^2 - 17x - 8$$