polynomials 11/13/2023: Popular functions: · constants · 2 3 don't care
· To S about input lines => ax1+b aquadratic ax + bx + c cubics ax3+ bx2+cx+d varo

quartics

quartics

quintic

quintic

(5), 1. in ax + bx + cx 3+ dx 2+ex+f . hextic <- degree 6 leading coeff · degrees the # in front the highest longer-defining

exponen, of alg 2x15-720+ Loesnit count (NO X) Leading coefficient Deg = (9 regree $.2x^{2}-15x^{3}+4$ -TX + x3+ 3x2 - 17x2000 $\frac{1}{2}x^3 - \frac{3}{7}x^4 + \frac{10}{19}x^{13}$

if degree is even

Endports go same direction $f(x) = 7x^{0} - 4x^{2024}$ if degree is odd Endpoints go opposite lead >0 lead (0 direction f(x)= 2+3x-10x $g(x) = 2x - 15x^2 + 4x^3$

$$a + b = 7$$
 add a to b

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$$a - b = 7$$
 sulfract b from a

$$2 - 3i - (4 - 5i)$$

$$f(x) = 2 + x - x^{2} - 3x^{3}$$
$$g(x) = 1 - x - x^{2} + 4x^{3}$$

$$f(x) - g(x)$$
=> 2+ x- x²- 3x³
- (1-x-x²+ 4x³)

$$1+2x+0x^2-7x^3$$