

ΣΧΗΜΑ Horner

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

2	-1	3	-5	9
	⊕			
	4	6	18	
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2	3	9	13	
Π(x)				ν=13

$$\Delta(x) = \delta(x) - \pi(x) + \nu(x)$$
$$2x^3 - x^2 + 3x - 5 = (x - 2) \cdot (2x^2 + 3x + 9) + 13$$

$$\Pi(x) = 2x^2 + 3x + 9$$

$$\underline{\underline{2^\circ}} \quad (2x^3 + 3x^2 - 8x + 3) : (x + 3)$$

2	3	-8	3	-3
	-6	9	-3	
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2	-3	1	0	
Π(x)				ν=0

$$\Pi(x) = 2x^2 - 3x + 1$$

$$2x^3 + 3x^2 - 8x + 3 = (x + 3) \cdot (2x^2 - 3x + 1)$$