Schéma Horner

	1	−1	3	−2
1		1	0	3
	1	0	3	1

·1 ·1 ·1

x^2+0x+3 reste 1

x^3-x^2+3x-2 | $x-1$

$1x^3-x^2$ | x^2+3

$0x^2+3x-2$

$3x-3$

1

$x-2$

$17 \mid 5$

$\quad\;\; 3$

2

$17 = 3\cdot 5+2$

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

$x^3+x^2-3x+3 \mid x-5$

$x-5=0$

$x=5$

$x^3+x^2-3x+3 \mid x-5$

x^3-5x^2 $\quad x^2+6x+27$

$6x^2-3x+3$

$6x^2-30x$

$27x+3$

$27x-135$

138

x^3	x^2	x	
1	1	−3	3
5	5	30	135
	1	6	27	138
	x^2	x	RESTE

$x^3+x^2-3x+3=(x-5)(x^2+6x+27)+138$

$x-(-1)$

$x^2 - 2 \mid x+1$

$1 \quad 0 \quad -2$

-1
