Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 9x^3 + 19x^2 + 78x + 61}{(-x-2)(-x-1)}$$

		$+(\boxed{-3x^2})$		$+(\boxed{25})$
$(-x-2)(-x-1)$	$(-3)x^4$ $+(-9)x^3$	$+(19)x^2$	$+(78)x$	$+(61)$
	$(\boxed{-3x^4})$ $+(\boxed{-9x^3})$	$+(\boxed{-6x^2})$		
		$+(25)x^2$	$+(78)x$	$+(61)$
		$+(\boxed{25x^2})$	$+(\boxed{75x})$	$+(\boxed{50})$
		$+(\boxed{3x})$	$+(\boxed{11})$	