Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 3x^3 + 19x^2 + 2x - 23}{(1-x)(2-x)}$$

				$+(\boxed{-3x^2})$	$+(\boxed{-12x})$	$+(\boxed{-11})$
$(1-x)(2-x)$	$(-3)x^4$	$+(-3)x^3$	$+(19)x^2$	$+(2)x$	$+(-23)$
	$(\boxed{-3x^4})$	$+(\boxed{9x^3})$	$+(\boxed{-6x^2})$		
		$+(-12)x^3$	$+(25)x^2$	$+(2)x$	$+(-23)$
		$+(\boxed{-12x^3})$	$+(\boxed{36x^2})$	$+(\boxed{-24x})$	
			$+(-11)x^2$	$+(26)x$	$+(-23)$
			$+(\boxed{-11x^2})$	$+(\boxed{33x})$	$+(\boxed{-22})$
				$+(\boxed{-7x})$	$+(\boxed{-1})$