Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 18x^3 - 35x^2 - 24x - 2}{(-x-2)(-x-1)}$$

				$+(\boxed{-3x^2})$	$+(\boxed{-9x})$	$+(\boxed{-2})$

$\boxed{(-x-2)(-x-1)}$ | $(-3)x^4$ | $+(-18)x^3$ | $+(-35)x^2$ | $+(-24)x$ | $+(-2)$

$(\boxed{-3x^4})$ $+(\boxed{-9x^3})$ $+(\boxed{-6x^2})$

$+(-9)x^3$ $+(-29)x^2$ $+(-24)x$ $+(-2)$

$+(\boxed{-9x^3})$ $+(\boxed{-27x^2})$ $+(\boxed{-18x})$

$+(-2)x^2$ $+(-6)x$ $+(-2)$

$+(\boxed{-2x^2})$ $+(\boxed{-6x})$ $+(\boxed{-4})$

$+(\boxed{2})$