Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 13x^2 - 16}{(-x-2)(-x-1)}$$

| | | | | $+ (\boxed{-3x^2})$ | $+ (\boxed{9x})$ | | $+ (\boxed{-8})$ |

$(-x-2)(-x-1)$ $(-3)x^4$ $+(13)x^2$ $+(-16)$

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

$+(9)x^3$ $+(19)x^2$ $+(-16)$

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

$+(-8)x^2$ $+(-18)x$ $+(-16)$

$+(\boxed{-8x^2})$ $+(\boxed{-24x})$ $+(\boxed{-16})$

$+(\boxed{6x})$