Example: Oblique Non-Linear Asymptote

$$-\frac{-3x^4 + 9x^3 + 10x^2 - 33x + 4}{(3-x)\,x}$$

				$+(\boxed{-3x^2})$		$+(\boxed{10})$

$\boxed{-(3-x)\,x}$	$(-3)x^4$	$+(9)x^3$	$+(10)x^2$	$+(-33)x$	$+(4)$

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

$$+(10)x^2 \quad +(-33)x \quad +(4)$$
$$+(\boxed{10x^2}) \quad +(\boxed{-30x})$$

$$+(\boxed{-3x}) \quad +(\boxed{4})$$