Example: Oblique Non-Linear Asymptote
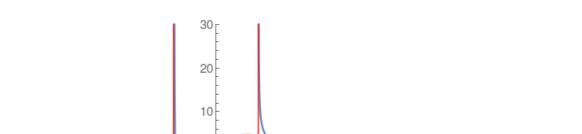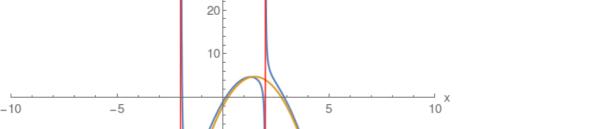
$$\frac{-3\,x^4+9\,x^3+10\,x^2-33\,x+4}{(-x-2)\,(2-x)}$$

				$+(\boxed{-3\,x^2})$	$+(\boxed{9\,x})$	$+(\boxed{-2})$
$(-x-2)\,(2-x)$	$(-3)\,x^4$	$+(9)\,x^3$	$+(10)\,x^2$	$+(-33)\,x$	$+(4)$	
	$(\boxed{-3\,x^4})$		$+(\boxed{12\,x^2})$			
		$+(9)\,x^3$	$+(-2)\,x^2$	$+(-33)\,x$	$+(4)$	
		$+(\boxed{9\,x^3})$		$+(\boxed{-36\,x})$		
			$+(-2)\,x^2$	$+(3)\,x$	$+(4)$	
			$+(\boxed{-2\,x^2})$		$+(\boxed{8})$	
				$+(\boxed{3\,x})$	$+(\boxed{-4})$	