

# Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 15x^3 - 17x^2 + 10x + 13}{(-x-1)(1-x)}$$

$$+ \left( \boxed{-3x^2} \right) + \left( \boxed{-15x} \right) + \left( \boxed{-20} \right)$$

$$\boxed{(-x-1)(1-x)} \quad (-3)x^4 + (-15)x^3 + (-17)x^2 + (10)x + (13)$$

$$\left( \boxed{-3x^4} \right)$$

$$+ \left( \boxed{3x^2} \right)$$

$$+ (-15)x^3 + (-20)x^2 + (10)x + (13)$$

$$+ \left( \boxed{-15x^3} \right)$$

$$+ \left( \boxed{15x} \right)$$

$$+ (-20)x^2 + (-5)x + (13)$$

$$+ \left( \boxed{-20x^2} \right)$$

$$+ \left( \boxed{20} \right)$$

$$+ \left( \boxed{-5x} \right)$$

$$+ \left( \boxed{-7} \right)$$

