

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 6x^3 + 19x^2 - 22x - 29}{(-x-1)(3-x)}$$

$$+ (-3x^2) + (10)$$

$$(-x-1)(3-x) \quad (-3)x^4 + (6)x^3 + (19)x^2 + (-22)x + (-29)$$

$$(-3x^4) + (6x^3) + (9x^2)$$

$$+ (10)x^2 + (-22)x + (-29)$$

$$+ (10x^2) + (-20x) + (-30)$$

$$+ (-2x) + (1)$$

