

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 18x^3 - 35x^2 + 24x - 3}{(1-x)(3-x)}$$

$$\begin{array}{r}
 (1-x)(3-x) \quad (-3)x^4 + (18)x^3 + (-35)x^2 + (24)x + (-3) \\
 \quad \quad \quad (-3x^4) + (12x^3) + (-9x^2) \\
 \quad \quad \quad \quad + (6)x^3 + (-26)x^2 + (24)x + (-3) \\
 \quad \quad \quad \quad + (6x^3) + (-24x^2) + (18x) \\
 \quad \quad \quad \quad \quad + (-2)x^2 + (6)x + (-3) \\
 \quad \quad \quad \quad \quad + (-2x^2) + (8x) + (-6) \\
 \quad \quad \quad \quad \quad \quad + (-2x) + (3)
 \end{array}$$

