

Example: Oblique Non-Linear Asymptote

$$\underline{-3x^4 - 6x^3 + 25x^2 + 52x + 6}$$

$$\begin{array}{r}
 + (-3x^2) + (3x) + (16) \\
 \hline
 -(-x-3)x \quad (-3)x^4 + (-6)x^3 + (25)x^2 + (52)x + (6) \\
 + (-3x^4) + (-9x^3) \\
 + (3)x^3 + (25)x^2 + (52)x + (6) \\
 + (3x^3) + (9x^2) \\
 + (16)x^2 + (52)x + (6) \\
 + (16x^2) + (48x) \\
 + (4x) + (6)
 \end{array}$$

