

Example: Oblique Non-Linear Asymptote

$$\underline{-3x^4 - 6x^3 + 13x^2 + 16x + 2}$$

$$\begin{array}{ccccccc}
 & & & + (-3x^2) & + (3x) & + (4) & \\
 \hline
 -(-x-3)x & (-3)x^4 & + (-6)x^3 & + (13)x^2 & + (16)x & + (2) & \\
 & (-3x^4) & + (-9x^3) & & & & \\
 & & + (3)x^3 & + (13)x^2 & + (16)x & + (2) & \\
 & & + (3x^3) & + (9x^2) & & & \\
 & & & + (4)x^2 & + (16)x & + (2) & \\
 & & & + (4x^2) & + (12x) & & \\
 & & & & + (4x) & + (2) &
 \end{array}$$

