Rational Polynomials: Graphing and Asymptotes Find the intercepts, if there are any. Step 1: Set the numerator to 0 to solve for horizontal

intercepts.

Step 2: Set the x to 0 to solve for vertical intercept.

Step 3: Set the denominator to 0 to solve for vertical asymptotes.

Step 4: Perform a long division to find the quotient which

specifies the oblique asymptote.

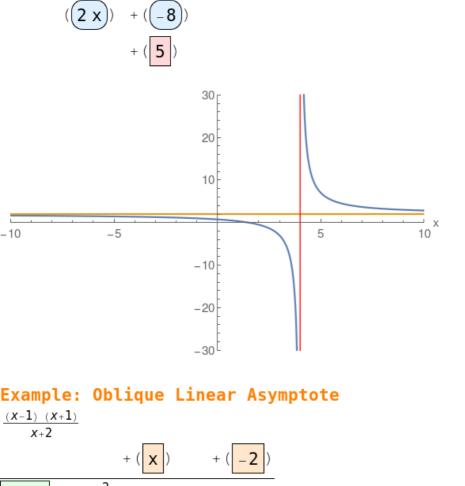
Note: Blue curve the actual Rational function.

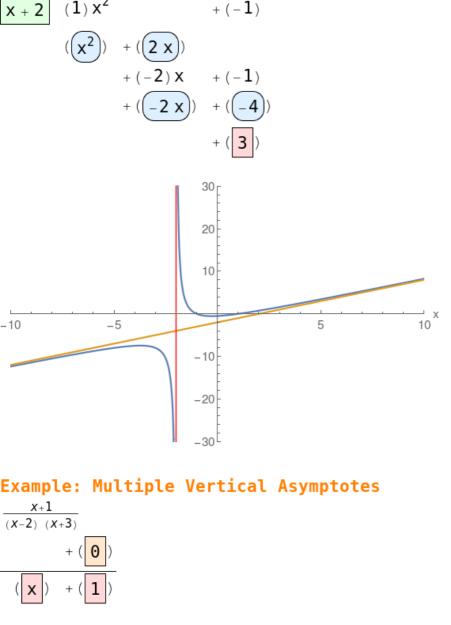
Red and Gold asymptotes.

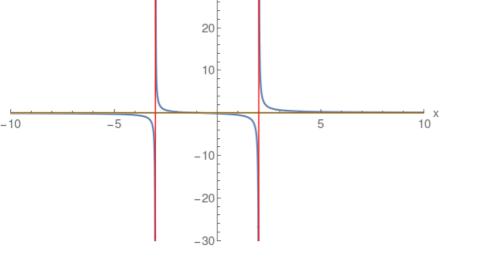
Example: Horizontal Asymptote $\frac{2x-3}{x-4} + (\boxed{2})$

(2) x

x - 4







30