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

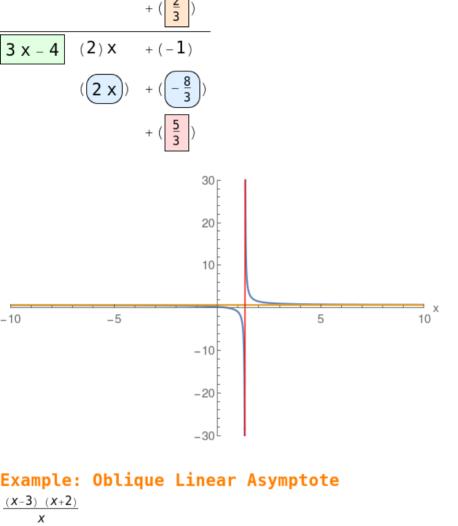
Step 3: Set the denominator to 0 to solve for vertical asymptotes.

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.

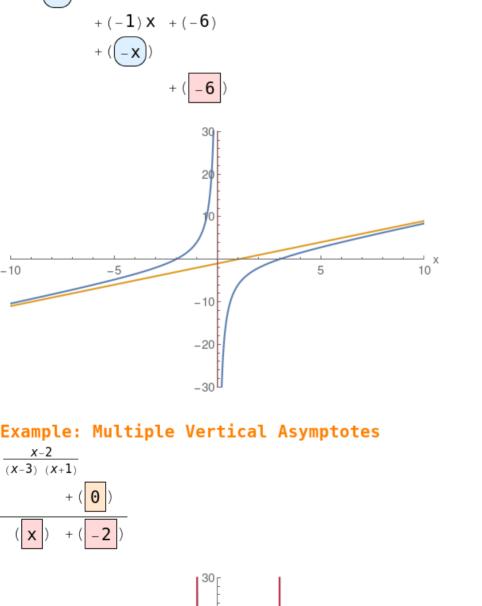
Example: Horizontal Asymptote $\frac{2 \times -1}{3 \times -4}$ + (2)



 $(1) x^2$

-10

-5



20

10

10

-20

30[