To find the vertical asymptote :

We must set the denominator equal to 0 and solve:  $c_{+}4_{=}0$ 

c=-4 There is a vertical asymptote at c=-4 To find the horizontal asymptote :

First we must compare the degrees of the polynomials.

Both the numerator and denominator are  $\mathbf{1}^{\mathsf{st}}$  degree polynomials.

Since they are the same degree, we must divide the coefficients of the highest terms.

In the numerator, the coefficient of the highest term is 3

In the denominator, the coefficient of the highest term is an understood  $1.\,$ 

To find the oblique asymptote:
Since the degrees of the numerator and the denominator are the same, this rational does not have an oblique asymptote

The horizontal asymptote is at n=3

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