We must set the denominator equal to 0 and solve: $i^4 - 256 = 0$

 $(j^2-16)(j^2+16)=0$ $(1^2-16)=0$ (1-4)(1+4)=0

To find the vertical asymptote :

i=4 or i=-4There is vertical asymptote at j=4 and at j=-4To find the horizontal asymptote :

First we must compare the degrees of the polynomials. The numerator contains a 3rd degree polynomial while the

To find the oblique asymptote :

-10

this rational does not have an oblique asymptote

Since the degrees of the numerator are less than the degrees of the denominator,

10

5

-0.2

Since the polynomial in the numerator is a lower degree than the denominator, the horizontal asymptote is located at r=0.

denominator contains a 4th degree polynomial.