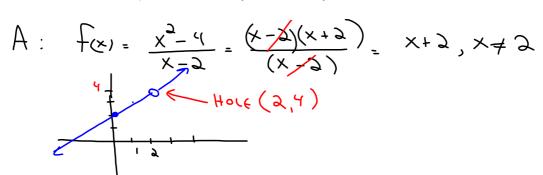
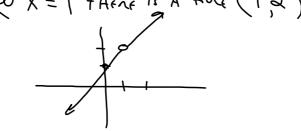
2.5 Graphs of Rational Functions

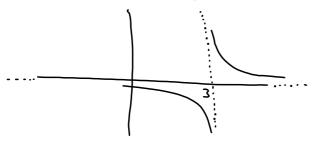
Investigate p 115 using TI-83 and answer all questions on p 115 and p 116



B:
$$f(x) = \frac{x-1}{x^2-1} = \frac{(x-1)}{(x-1)} = x+1, x+1$$

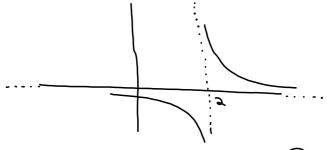


$$G: \partial(x) = \frac{x-3}{1}$$



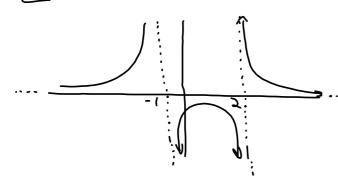
THERE IS A VERTICAL ASYMPTOTE @ X=3

$$D: \quad t^{(x)} = \frac{x-5}{1}$$



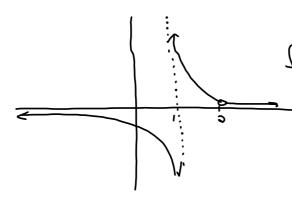
VENTICAL ASYMPTOTE @ X = 2

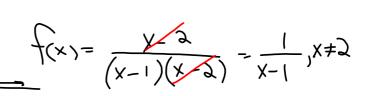
F.



$$f(x) = \frac{(x+1)(x-5)}{1}$$

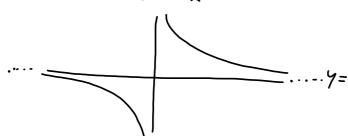
F: VA @ x=1, HOLE @ x=2.

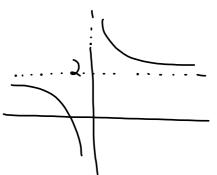




$$f(x) = \frac{x_3 - 3x + 9}{x - 9}$$

 $eg(x) = \frac{1}{1}$





$$f(x) = \frac{1}{x} + 2$$

H: f(x) = x3

No Hoces, no VA, No HA.

