

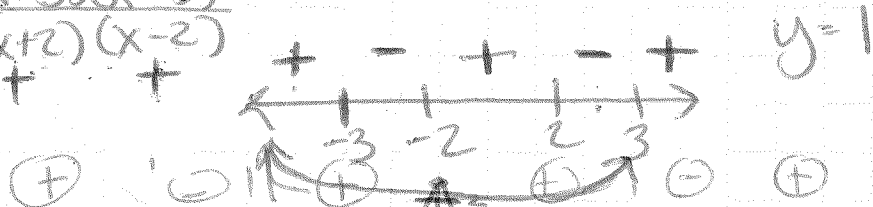
Graph $\frac{x^2-9}{x^2-4}$

Zeros: $x=3, x=-3$

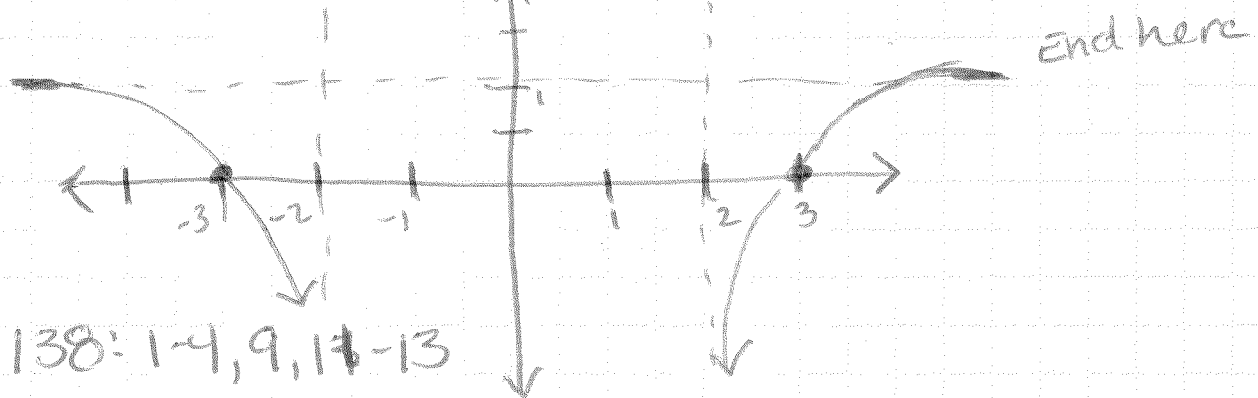
Vert Asym. $x=2, x=-2$

End Beh. (Horz. Asym)

$$\frac{\begin{matrix} + & + \\ (x+3)(x-3) \\ + & + \end{matrix}}{\begin{matrix} (x+2)(x-2) \end{matrix}}$$



Start



138: 1-4, 9, 11-13

- Graph H & V Asym types
- plot zeros
- use test to sketch
- key point $x=0, y = \frac{-9}{-4} = \frac{9}{4}$