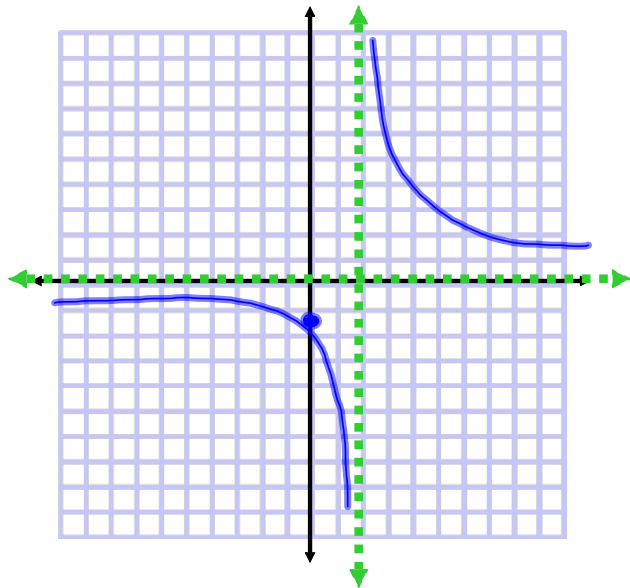
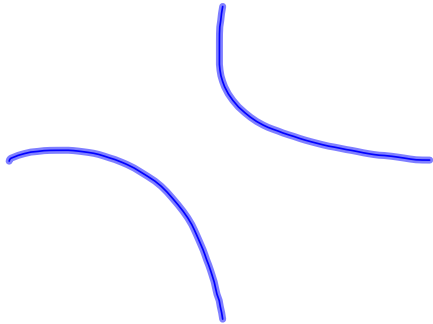


graph

$$f(x) = \frac{3}{x-2}$$

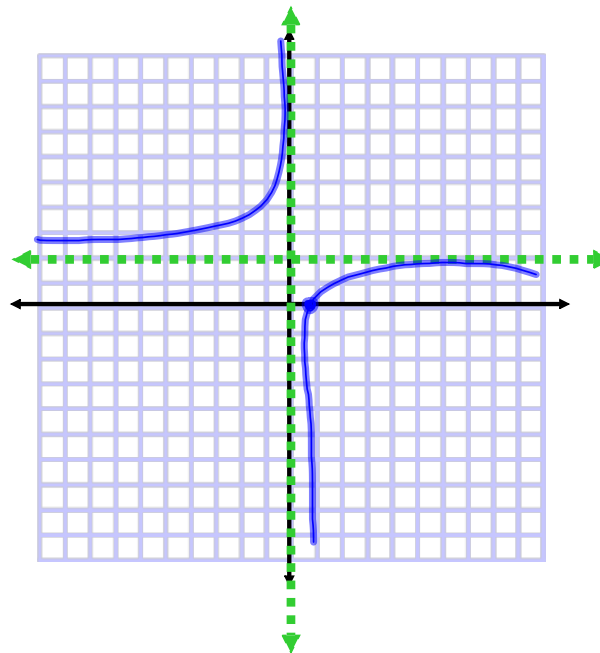


graph

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

no y-Int

$$2x-1=0 \quad \text{x-Int} \quad \left(\frac{1}{2}, 0\right)$$
$$2x=1$$
$$x=\frac{1}{2}$$

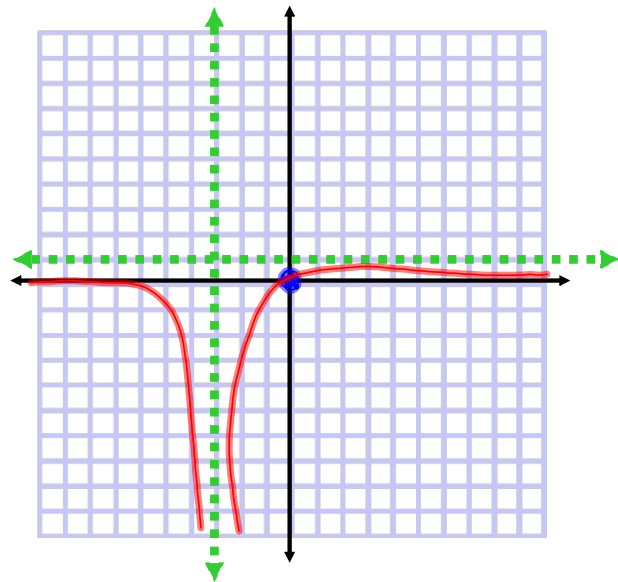


graph

$$f(x) = \frac{x^2}{x^2 + 6x + 9} = \frac{0^2}{0^2 + 6(0) + 9} = \frac{0}{9}$$

$$\text{V.A.} \rightarrow x = -3$$

$$\text{H.A.} \rightarrow y = 1$$



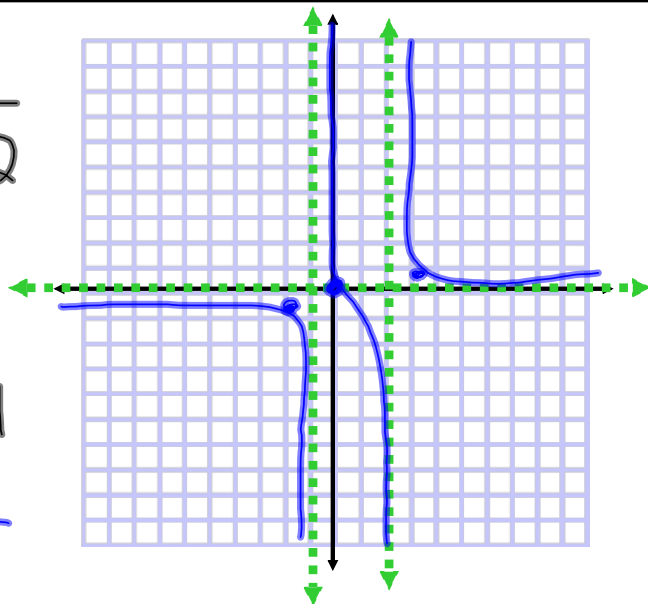
$$f(x) = \frac{x}{x^2 - x - 2}$$

$$D \rightarrow x \neq 2 \text{ or } -1$$

$$\text{V.A.} \rightarrow x = 2 \quad x = -1$$

$$x = -2 \quad f(-2) = \frac{-2}{4} = -\frac{1}{2}$$

$$x = 3 \quad f(3) = \frac{3}{4}$$



Pg 157

#10-24 even