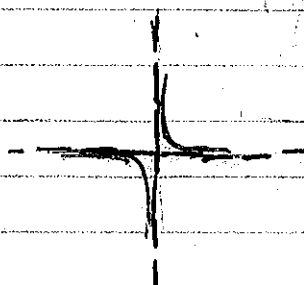


$$y = \frac{2}{x}$$



$$VA: x=0$$

$$HA: y=0$$

Domain: All Real numbers  $x \neq 0$

Range: All Real numbers  $y \neq 0$

No intercepts

First I entered  $y = \frac{2}{x}$  in my calculator and hit the graph button. From there I could tell from the graph that  $VA: x=0$  and  $HA: y=0$  by drawing dotted lines and the Rational function didn't touch them. Next I determined that the domain was all real numbers  $x \neq 0$  because it is opposite of the VA, and that the range was all real numbers  $y \neq 0$  because it's the opposite the HA. By analyzing the graph you can conclude there's no intercepts... I believe my work is right because I looked at my notes and am good at these types of problems.

*[Signature]*