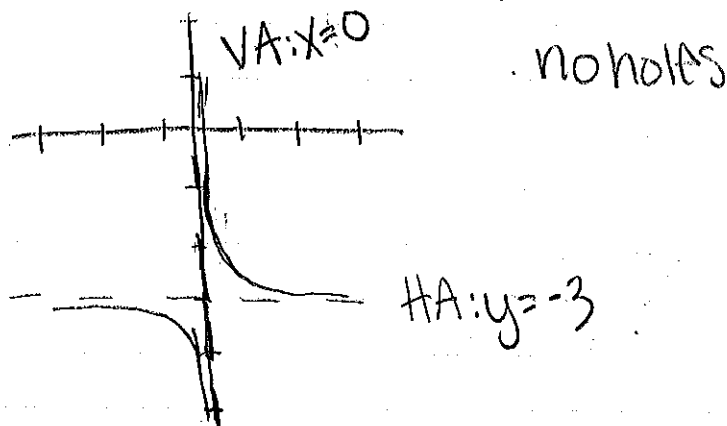


B.2

Sketch the asymptotes + the graph of each function.
Identify the domain + range.

18 $y = \frac{1}{x} - 3$

First I typed my equation into my graphing calculator + graphed.
Then I sketched that graph to my paper + draw in the vertical + horizontal asymptotes.
Next I looked for any VA's HA's + holes. you find the hole by seeing what cancels in the problem. move your arrow on graph to see what value you get closer too but don't touch.
After that I found the domain + range. you use the values you found for VA's, HA's + holes to determine what numbers cannot be a part of the domain + range. There may not be a HA so you might have all real numbers for the range.
D: all real IR's but $x \neq 0$



R: all real IR's but $y \neq -3$