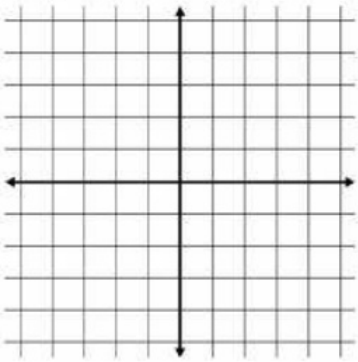
$y = |x|$



1) Determine the domain and range

2) Is the function even, odd or neither

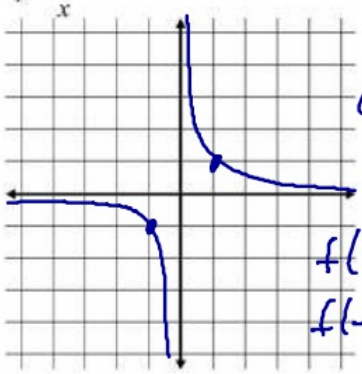
3) Intervals of Increase or Decrease

4) Find any extrema.

5) Determine the end behavior

6) Find any asymptotes

$y = \frac{1}{x}$



1) Determine the domain and range

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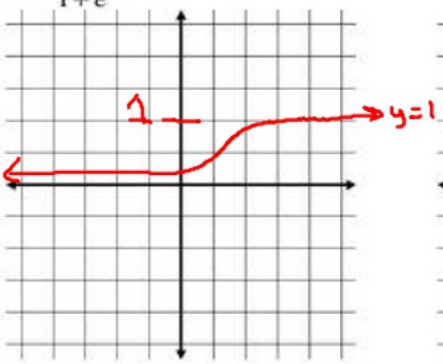
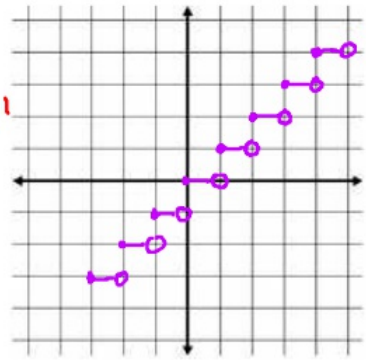
Logistical growth function

Greatest Integer Fct

	$y = \frac{1}{1+e^{-x}}$	$y = \text{int}(x)$
		
y=0	1) Determine the domain and range D: $(-\infty, \infty)$ R: $(0, 1)$	1) Determine the domain and range D: $(-\infty, \infty)$ R: all real integers
	2) Is the function even, odd or neither neither	2) Is the function even, odd or neither neither ~~odd~~
	3) Intervals of Increase or Decrease $(-\infty, \infty)$ Inc	3) Intervals of Increase or Decrease neither?
	4) Find any extrema.	4) Find any extrema. ~~none~~ infinite max/min
HA ← Right Left	5) Determine the end behavior $\lim_{x \to \infty} f(x) = 1$ $\lim_{x \to -\infty} f(x) = 0$ } HA	5) Determine the end behavior $\lim_{x \to \infty} f(x) = \infty$ $\lim_{x \to -\infty} f(x) = -\infty$
	6) Find any asymptotes	6) Find any asymptotes NO