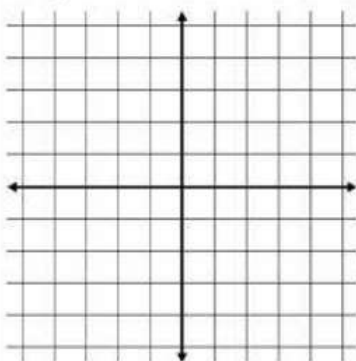


$$y = |x|$$



1) Determine the domain and range

2) Is the function even, odd or neither

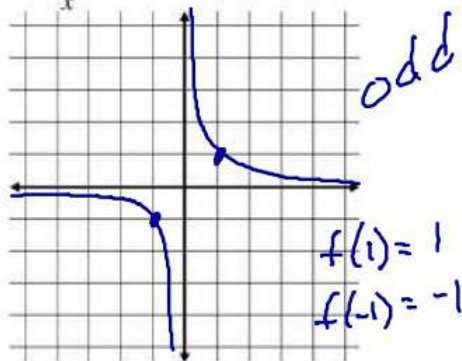
3) Intervals of Increase or Decrease

4) Find any extrema.

5) Determine the end behavior

6) Find any asymptotes

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



1) Determine the domain and range

2) Is the function even, odd or neither

3) Intervals of Increase or Decrease

4) Find any extrema.

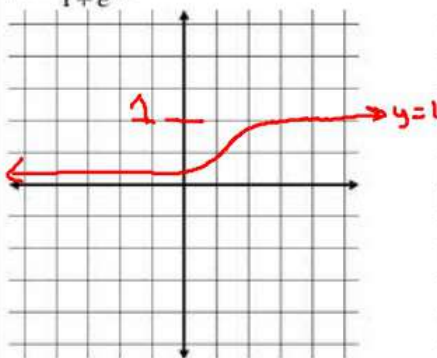
5) Determine the end behavior

6) Find any asymptotes

Logistical growth function

$$y = \frac{1}{1+e^{-x}}$$

$y=0$



1) Determine the domain and range

$$D: (-\infty, \infty)$$

$$R: (0, 1)$$

2) Is the function even, odd or neither

neither

3) Intervals of Increase or Decrease

$(-\infty, \infty)$ Inc

4) Find any extrema.

5) Determine the end behavior

$$\lim_{x \rightarrow \infty} f(x) = 1$$

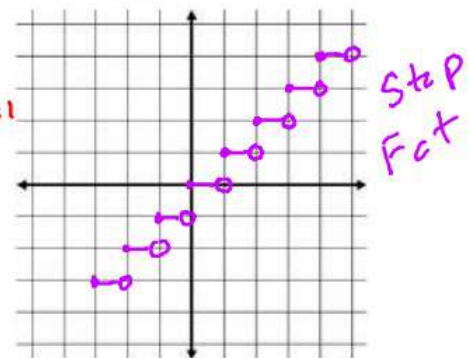
$$\lim_{x \rightarrow -\infty} f(x) = 0$$

6) Find any asymptotes

HA $\leftarrow$ Right
Left

Greatest Integer Fct

$$y = \text{int}(x)$$



Step
Fct

1) Determine the domain and range

$$D: (-\infty, \infty)$$

R : all real integers

2) Is the function even, odd or neither

neither

3) Intervals of Increase or Decrease

neither?

4) Find any extrema.

~~none~~
infinite max/min

5) Determine the end behavior

$$\lim_{x \rightarrow \infty} f(x) = \infty$$

$$\lim_{x \rightarrow -\infty} f(x) = -\infty$$

6) Find any asymptotes

NO