

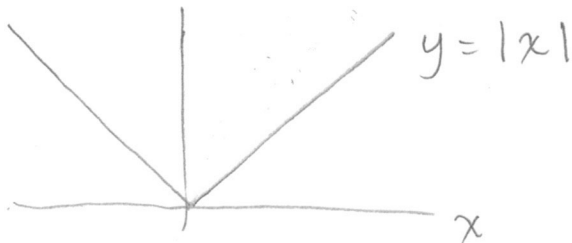
RECAP

DAY 4, 2/9/22

Limits can be "guessed" numerically.

$$\lim_{h \rightarrow 0} \frac{\sin(h)}{h} = 1$$

Limits may not exist, but one-sided limits might.



$$\lim_{x \rightarrow 0^+} \frac{|x|}{x} = 1$$

$$\lim_{x \rightarrow 0^-} \frac{|x|}{x} = -1$$

$\lim_{x \rightarrow a} \square$ exists means

$$\lim_{x \rightarrow a^-} \square = \lim_{x \rightarrow a^+} \square$$