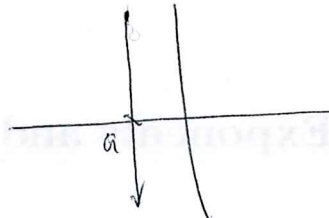
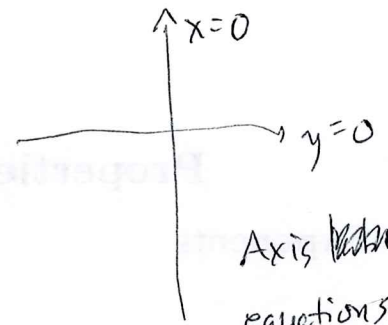


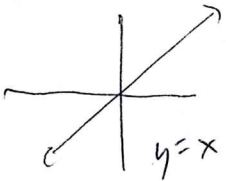
$y=b$ for all x
 $D: x \in \mathbb{R}, (-\infty, \infty)$



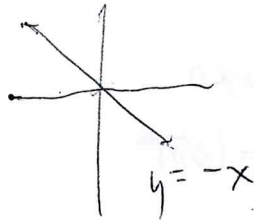
$x=a$
 not a fcn.



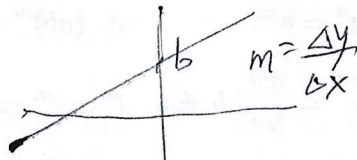
Axis ~~equations~~
 equations



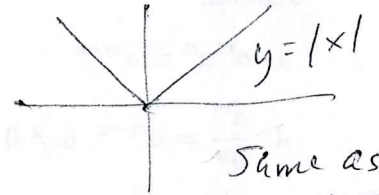
$y=x$
 $D: x \in \mathbb{R}$



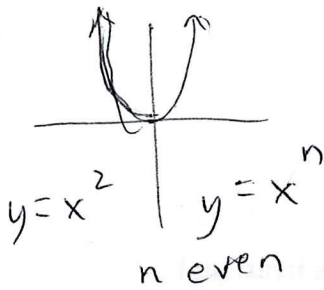
$y=-x$



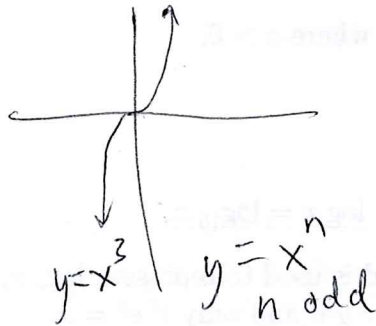
$m = \frac{\Delta y}{\Delta x}$
 $y=mx+b$
 general slope-intercept form
 $D: x \in \mathbb{R}$



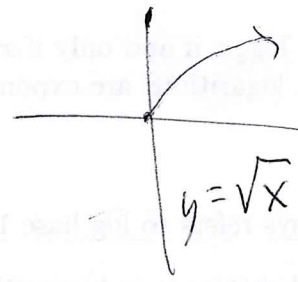
Same as
 $y=\sqrt{x^2}$
 $D: x \in \mathbb{R}$



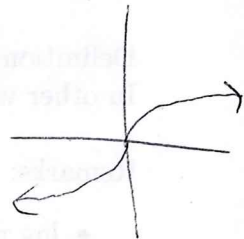
$D: x \in \mathbb{R}$



$D: x \in \mathbb{R}$



$D: x \geq 0$

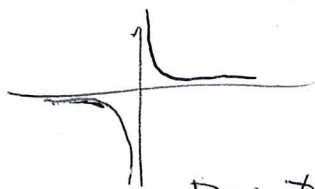


$y = x^{1/n}, n$ even

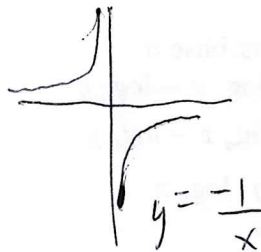
$y = x^{1/2} = \sqrt{x}$

$y = x^{1/n}, n$ odd

$D: x \in \mathbb{R}$

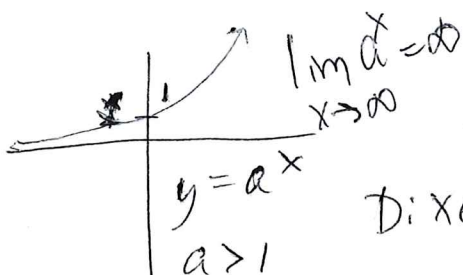


$y = \frac{1}{x}$
 $D: x \neq 0$
 $(-\infty, 0) \cup (0, \infty)$

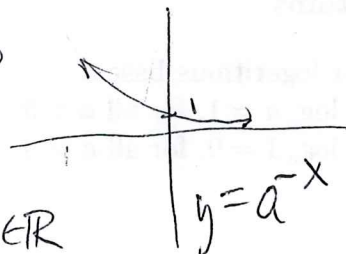


$y = -\frac{1}{x}$

$\lim_{x \rightarrow -\infty} a^x = 0$



$D: x \in \mathbb{R}$



$y = \log_a x$
 $D: x > 0$
 $(0, \infty)$

