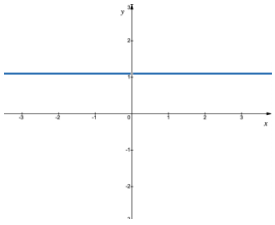
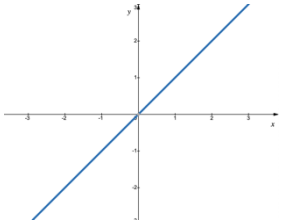
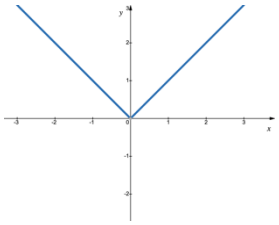
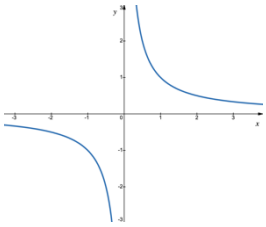
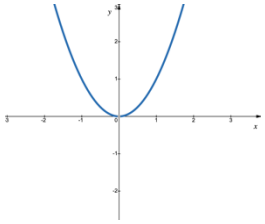
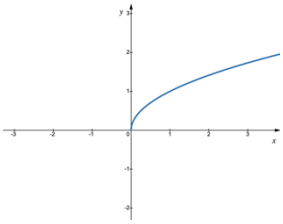
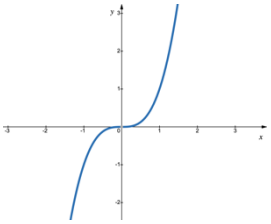
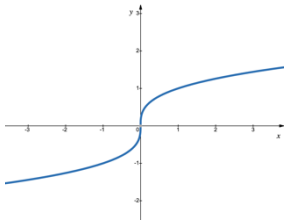
MAT 1375, Classwork4, Fall2024

ID:_____ Name:_____

1. Complete the table of basic functions:

$f(x) =$_____	$f(x) =$_____	$f(x) =$_____	$f(x) =$_____
			
Domain: Range: Odd or Even	Domain: Range: Odd or Even	Domain: Range: Odd or Even	Domain: Range: Odd or Even
$f(x) =$_____	$f(x) =$_____	$f(x) =$_____	$f(x) =$_____
			
Domain: Range: Odd or Even	Domain: Range: Odd or Even	Domain: Range: Odd or Even	Domain: Range: Odd or Even

2. Complete the table

Transformation of $f(x)$	**Draw $f(x)$ and then**
_____ $y = f(x) + c$	$c > 0$:
	$c < 0$:
_____ $y = f(x + c)$	$c > 0$:
	$c < 0$:
_____ $y = cf(x)$	$c > 1$:
	$0 < c < 1$:
_____ $y = f(cx)$	$c > 1$:
	$0 < c < 1$:
_____ $y = -f(x)$	
_____ $y = f(-x)$	