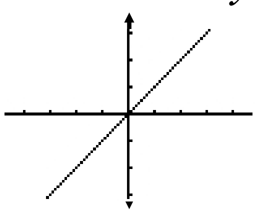
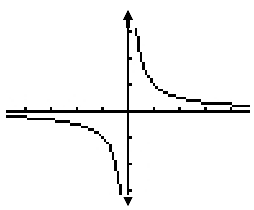
The *Identity* Function: $f(x) = x$



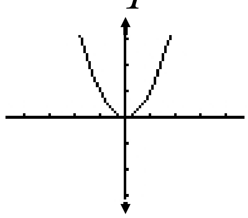
Domain	Range	Symmetry
$(-\infty, \infty)$	$(-\infty, \infty)$	ODD

The *Inverse* Function: $f(x) = \frac{1}{x}$



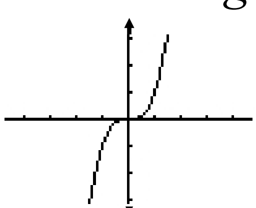
Domain	Range	Symmetry
$x \neq 0$	$y \neq 0$	ODD

The *Squaring* Function: $f(x) = x^2$



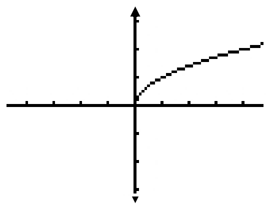
Domain	Range	Symmetry
$(-\infty, \infty)$	$[0, \infty)$	EVEN

The *Cubing* Function: $f(x) = x^3$



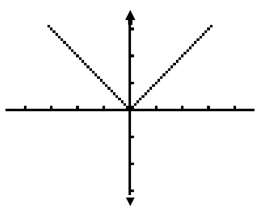
Domain	Range	Symmetry
$(-\infty, \infty)$	$(-\infty, \infty)$	ODD

The *Square Root* Function: $f(x) = \sqrt{x}$



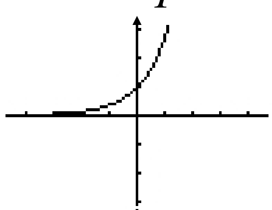
Domain	Range	Symmetry
$[0, \infty)$	$[0, \infty)$	Neither

The *Absolute Value* Function: $f(x) = |x|$



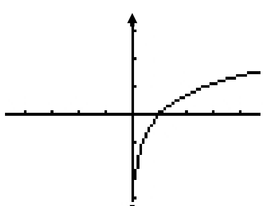
Domain	Range	Symmetry
$(-\infty, \infty)$	$[0, \infty)$	EVEN

The *Exponential* Function: $f(x) = e^x$



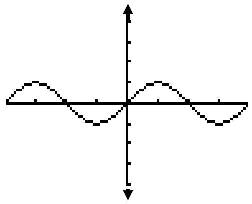
Domain	Range	Symmetry
$(-\infty, \infty)$	$(0, \infty)$	Neither

The *Natural Log* Function: $f(x) = \ln x$



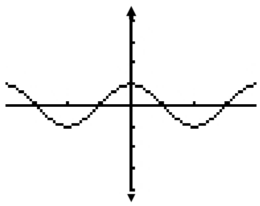
Domain	Range	Symmetry
$(0, \infty)$	$(-\infty, \infty)$	Neither

The *Sine* Function: $f(x) = \sin x$



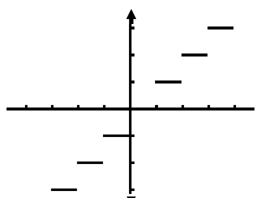
Domain	Range	Symmetry
$(-\infty, \infty)$	$[-1, 1]$	ODD

The *Cosine* Function: $f(x) = \cos x$



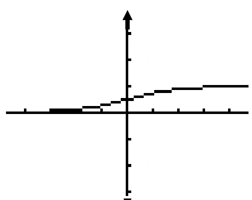
Domain	Range	Symmetry
$(-\infty, \infty)$	$[-1, 1]$	EVEN

The *Greatest Integer* Function: $f(x) = \operatorname{int} x$



Domain	Range	Symmetry
$(-\infty, \infty)$	$\{..., -2, -1, 0, 1, 2, ...]$	Neither

The *Logistic* Function: $f(x) = \dfrac{1}{1+e^{-x}}$



Domain	Range	Symmetry
$(-\infty, \infty)$	$(0, 1)$	Neither