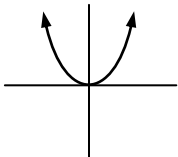
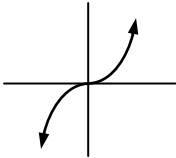
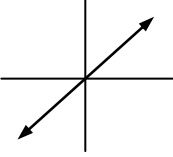
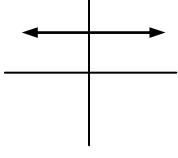
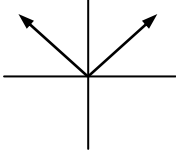
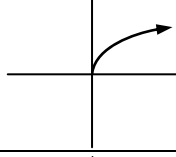
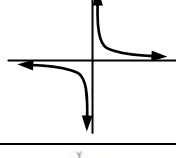
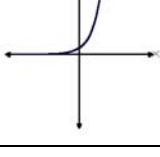
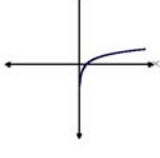


Equation	Graph	Name	Domain	Range
$y = x^n$ n is even		Polynomial Even When $n = 2$, Squaring or Quadratic function	$(-\infty, \infty)$ All Real Numbers	$[0, \infty)$
$y = x^n$ n is odd $n > 1$		Polynomial Odd When $n = 3$, Cubic Function	$(-\infty, \infty)$ All Real Numbers	$(-\infty, \infty)$ All Real Numbers
$f(x) = x$		Linear, Identity	$(-\infty, \infty)$ All Real Numbers	$(-\infty, \infty)$ All Real Numbers
$f(x) = c$		Linear, Constant	$(-\infty, \infty)$ All Real Numbers	$\{c\}$ Constant, c
$f(x) = x $		Absolute Value	$(-\infty, \infty)$ All Real Numbers	$[0, \infty)$
$f(x) = \sqrt{x}$		Square Root	$[0, \infty)$	$[0, \infty)$
$f(x) = \frac{1}{x}$		Rational, Or Reciprocal	$(-\infty, 0) \cup (0, \infty)$	$(-\infty, 0) \cup (0, \infty)$
$f(x) = e^x$		Exponential	$(-\infty, \infty)$ All Real Numbers	$(0, \infty)$
$f(x) = \ln x$		Logarithmic	$(0, \infty)$	$(-\infty, \infty)$ All Real Numbers