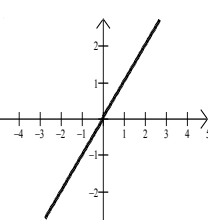
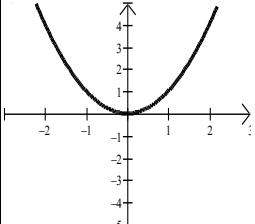
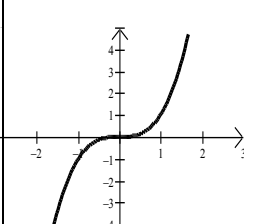
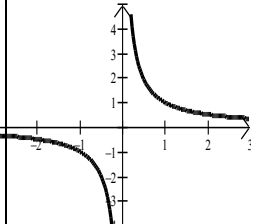
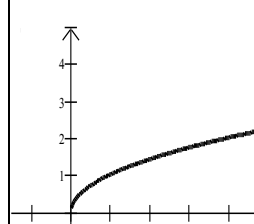
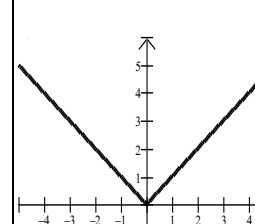


Parent Function Name	Identity	Quadratic	Cubic	Reciprocal	Square Root	Absolute Value
Parent Function Equation		$f(x) = x^2$				
Parent Function Graph						
Domain				$(-\infty, 0) \cup (0, \infty)$		
Range		$[0, +\infty)$				
Continuous? If not, what type of discontinuity?			continuous		continuous	
Increasing?	$(-\infty, +\infty)$		$(-\infty, +\infty)$	never		
Decreasing?				$(-\infty, 0) \cup (0, +\infty)$		
How many zeros?	1		1			
y – intercept		0				
x – intercept(s)/ Zeros						(0,0)
End behavior		$\lim_{x \rightarrow -\infty} f(x) = \infty$ $\lim_{x \rightarrow \infty} f(x) = \infty$				