

# Transforming Functions Exploration 2

$f(x)$	Graph	Description of Transformation	Domain	Range
$f(x) = \frac{1}{2}x$  Function Family:		Parent function _____		
$f(x) = -3x$  Function Family:		Parent function _____		
$f(x) = \frac{1}{2}x^2$  Function Family:		Parent function _____		
$f(x) = -x^2$  Function Family:		Parent function _____		
$f(x) = 4\sqrt{x}$  Function Family:		Parent function _____		
$f(x) = 4\left(\frac{1}{x}\right)$  Function Family:		Parent function _____		
$f(x) = -5\left(\frac{1}{x}\right)$  Function Family:		Parent function _____		

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