REFLECTION OVER X-AXIS – LINEAR FUNCTION	$f(x) = -x$	**VERTICAL STRETCH – LINEAR FUNCTION**
SHIFT UP – QUARTIC FUNCTION	$f(3x) = x$	**HORIZONTAL SHRINK – LINEAR FUNCTION**
SHIFT UP – LINEAR FUNCTION	$f(x) = x + 3$	**REFLECTION OVER X-AXIS – QUADRATIC FUNCTION**

SHIFT RIGHT – LINEAR FUNCTION	$f(x+5) = x$	**SHIFT LEFT – QUADRATIC FUNCTION**
SHIFT UP – QUADRATIC FUNCTION	$f(x) = x^2 + 3$	**REFLECTION OVER X-AXIS – CUBIC FUNCTION**
VERTICAL STRETCH – QUADRATIC FUNCTION	$f(x) = 3x^2$	**SHIFT UP – CUBIC FUNCTION**

HORIZONTAL SHRINK – QUADRATIC FUNCTION	$f\left(\frac{2}{3}x\right) = x^2$	**SHIFT DOWN – CUBIC FUNCTION**
HORIZONTAL STRETCH – QUADRATIC FUNCTION	$f(4x) = x^2$	**VERTICAL SHRINK – CUBIC FUNCTION**
HORIZONTAL SHRINK – CUBIC FUNCTION	$f\left(\frac{1}{4}x\right) = x^3$	$f(x) = x^4 + 6$

SHIFT LEFT – CUBIC FUNCTION	$f(x-5) = x^3$	$f\left(\frac{1}{2}x\right) = x$
SHIFT DOWN – LINEAR FUNCTION	$f(x) = x - 3$	$f(x) = -x^2$
SHIFT LEFT – LINEAR FUNCTION	$f(x-4) = x$	$f(x-3) = x^2$

$f(x) = -x^3$	$f(x) = x^3 + 3$	$f(x) = x^3 - 7$
$f(x) = \frac{3}{8}x^3$		