

1A Stations

The parent function for a quadratic is represented by $f(x) = x^2$.

Drag and drop the "X" into each box that represents the transformation of the function from the parent function $f(x) = x^2$. A function may have more than one transformation.

X	Function	Shift Up or Down	Shift Left or Right	Concave Down
	$f(x) = (x - \frac{2}{5})^2$	1	2	3
	$f(x) = (x + 10)^2 - 1$	4	5	6
	$f(x) = x^2 + 4$	7	8	9
	$f(x) = -(x - 7)^2$	10	11	12