

# Mapping Notation Review

Determine the basic equation, the transformations in words and the transformations using mapping notation for each of the following functions:

Basic Equation	Function	Mapping	Words
	$y = 2x^2 + 4$		
	$y = -(x - 2)^2 - 1$		
	$y = \sqrt{2x}$		
	$y = -\frac{1}{2}(x + 2)^3 + 5$		
	$y =  2x - 6  - 4$		
	$y = 3\sqrt{-3x + 6}$		

