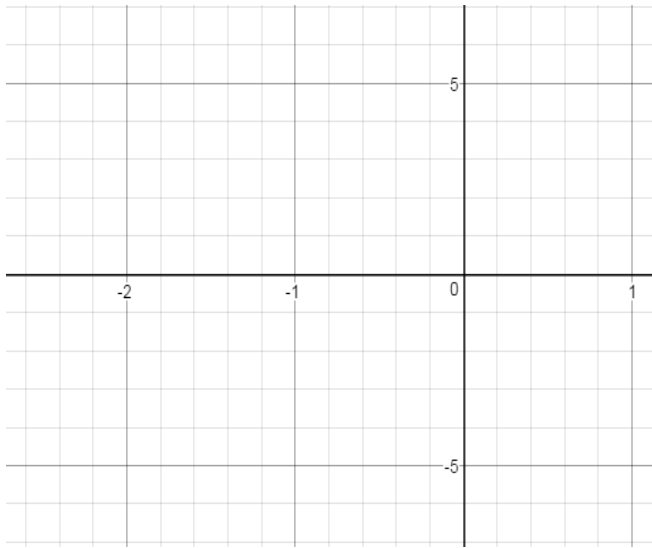


TRANSFORMATIONS

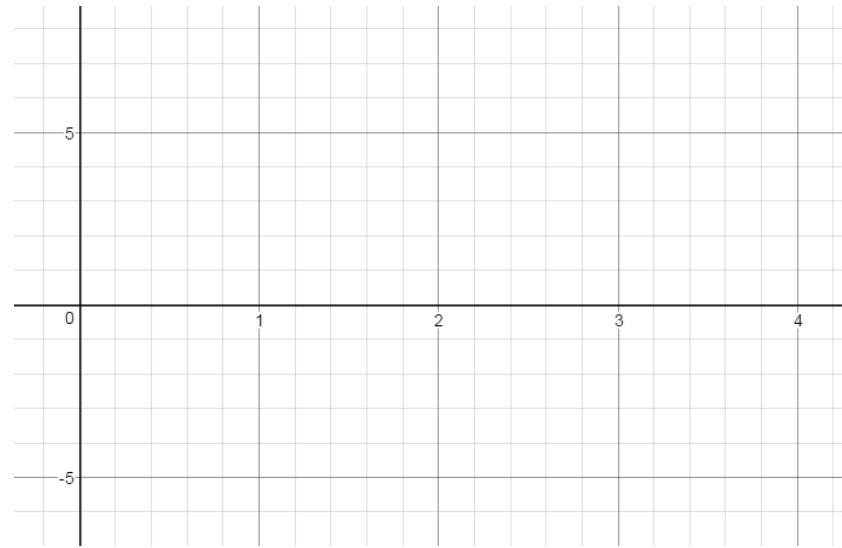
Transformation	Describe Change to the Equation	$M(x) = x^2$ Write an Example Problem	$A(x) = \sqrt{x}$ Write an Example Problem	$T(x) = x $ Write an Example Problem	$H(x) = x^3$ Write an Example Problem
Horizontal Shift R(t)					
Horizontal Shift (Lt)					
Vertical Shift (Up)					
Vertical Shift (Down)					
Horizontal Stretch					
Vertical Compression					
Horizontal Compression					
Vertical Stretch					

Sketch the following functions:

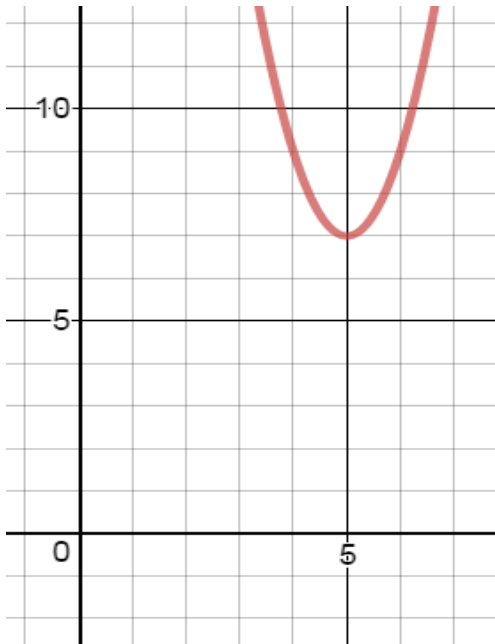
$$k(x) = -(x + 1)^2 - 2$$



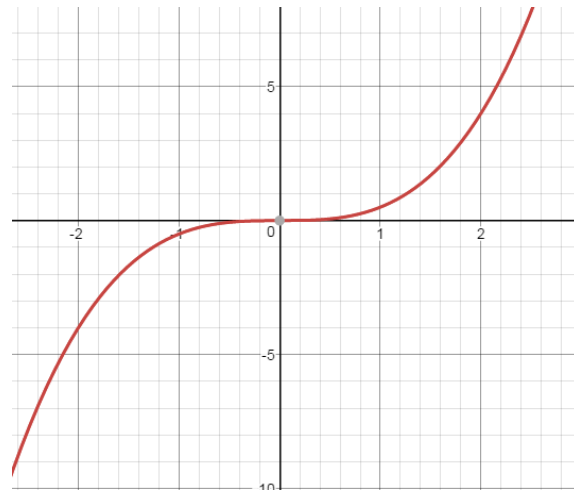
$$w(x) = -|x - 3| - 1$$



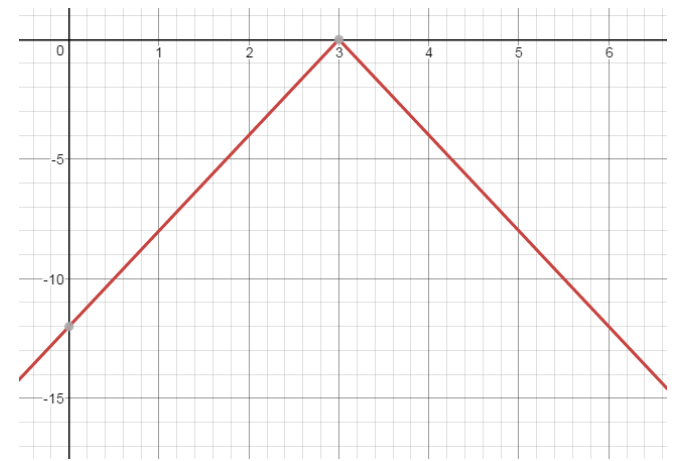
Write the equation for the following functions:



$f(x) =$ _____



$g(x) =$ _____



$m(x) =$ _____