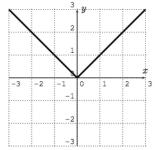
Write in here your summary of each of the important transformations of functions and the effects they have on the graph of the function:
ullet Adding a number c to the output (Adding a number c to the value of the function):
• Adding a number c to the input (Inputing $x+c$ in place of x):
ullet Multiplying the output by a positive number c (Multiplying the value of the function by a positive number c):
• Multiplying the input by a positive number c (Inputing cx in place of x):
• Multiplying the output by -1 (Multiplying the value of the function by -1):
• Multiplying the input by -1 (Inputing $-x$ in place of x):

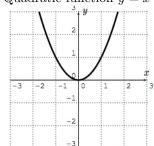
Basic graphs: These are the simplest, most basic examples of these types of functions

• Absolute value function y = |x|



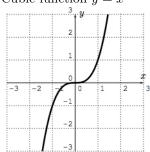
Domain:

• Quadratic function $y = x^2$



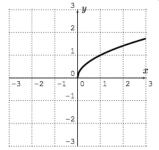
Domain:

• Cubic function $y = x^3$



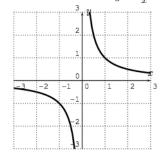
Domain:

• Square root function $y = \sqrt{x}$



Domain:

• Rational function $y = \frac{1}{x}$



Domain: