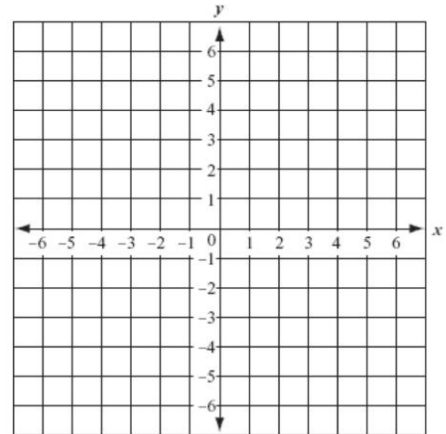


Transformations of Functions Assignment

1.) $f(x) = (x + 3)^3 - 1$

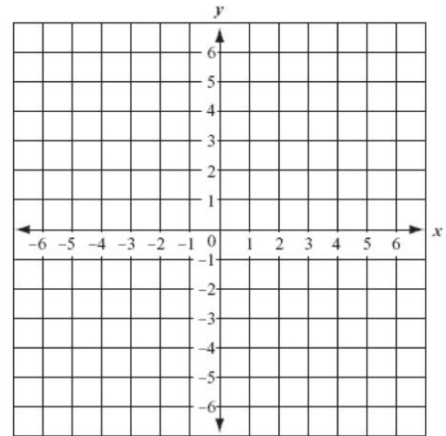
- a.) Type of function: _____
 b.) Write the parent function: _____
 c.) Name the transformations:



- d.) Graph the parent and the transformed function using two different colors.

2.) $f(x) = -\sqrt{x - 2} + 1$

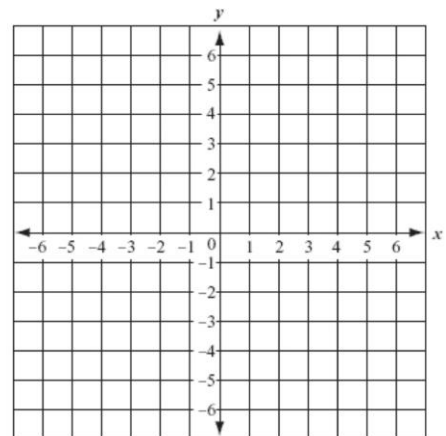
- a.) Type of function: _____
 b.) Write the parent function: _____
 c.) Name the transformations:



- d.) Graph the parent and the transformed function using two different colors.

3.) $f(x) = 2|x + 1| - 3$

- a.) Type of function: _____
 b.) Write the parent function: _____
 c.) Name the transformations:

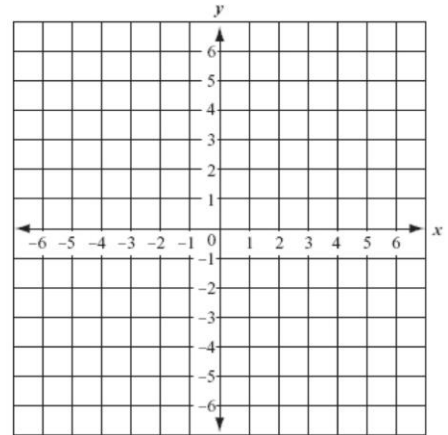


- d.) Graph the parent and the transformed function using two different colors.

Transformations of Functions Assignment

4.) $f(x) = -(x - 4)^2 + 2$

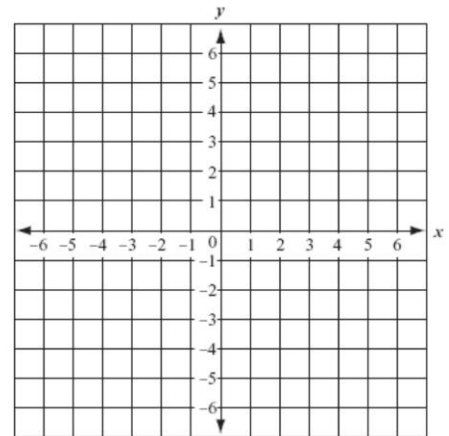
- a.) Type of function: _____
- b.) Write the parent function: _____
- c.) Name the transformations: _____



d.) Graph the parent and the transformed function using two different colors.

5.) $f(x) = -x + 4$

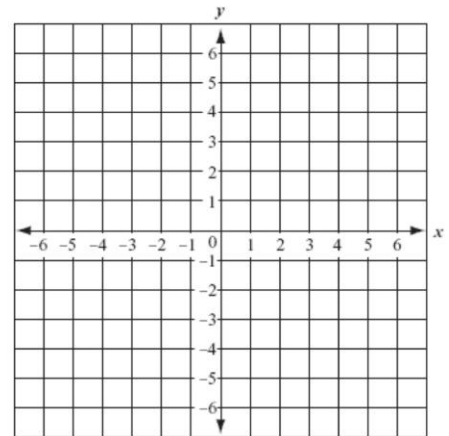
- a.) Type of function: _____
- b.) Write the parent function: _____
- c.) Name the transformations: _____



d.) Graph the parent and the transformed function using two different colors.

6.) $f(x) = -2^{(x-3)} + 2$

- a.) Type of function: _____
- b.) Write the parent function: _____
- c.) Name the transformations: _____



d.) Graph the parent and the transformed function using two different colors.