

Transformations of Functions Homework Assignment

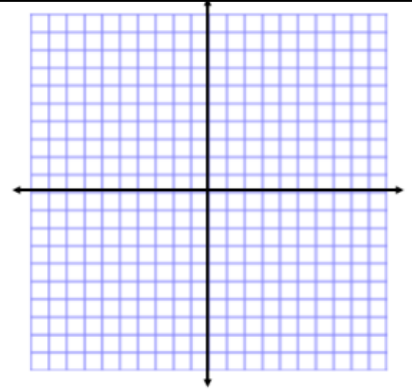
Name _____ Period _____ Date _____

- a.) Write the parent function b.) Name the transformations c.) Graph the parent function in 1 color
d.) Graph the transformed function in another color.

1. $g(x) = x^2 - 6$

Parent: _____

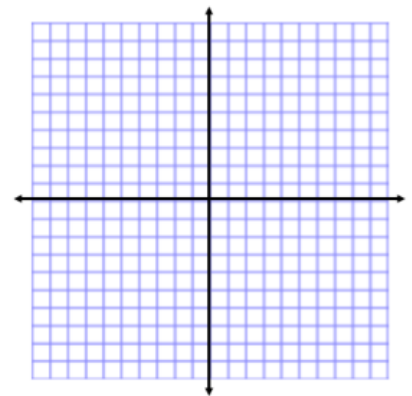
Transformations: _____



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

Parent: _____

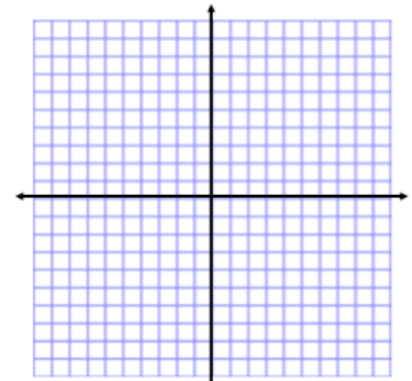
Transformations: _____



3. $h(x) = \sqrt{x} + 4$

Parent: _____

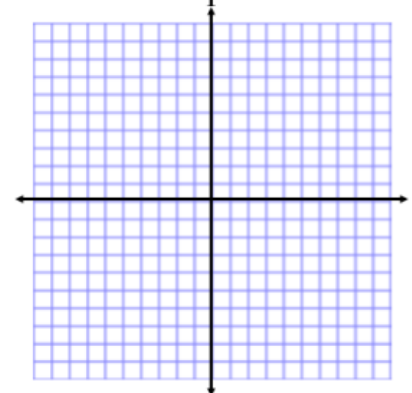
Transformations: _____



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

Parent: _____

Transformations: _____

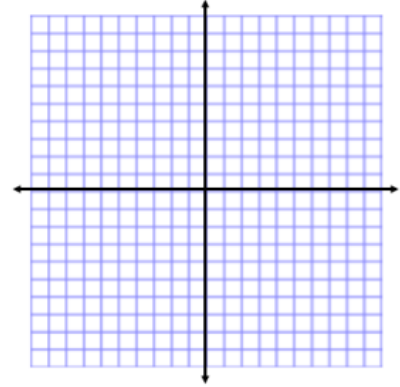


Transformations of Functions Homework Assignment

5. $g(x) = x - 2$

Parent: _____

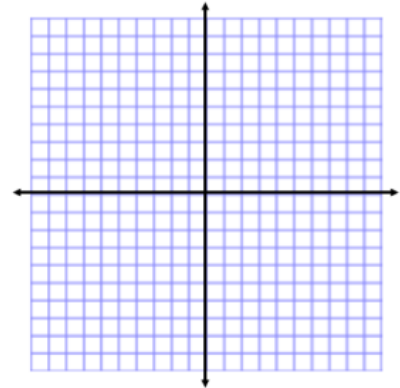
Transformations: _____



6. $f(x) = (x + 3)^3$

Parent: _____

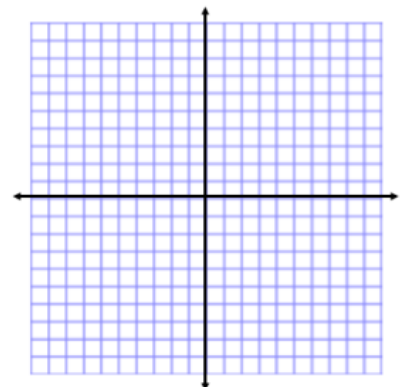
Transformations: _____



7. $f(x) = -\sqrt{x}$

Parent: _____

Transformations: _____



8. $h(x) = x^2 + 1$

Parent: _____

Transformations: _____

