

Chapter 1.4 – Transformation of Functions

Name: _____

Standard: F.5

I Can...

- Describe the transformation of functions given an equation
- Write equations of transformed functions

Items in bold must be turned in to me or placed in your binder.

_____ **video notes**

_____ **worksheet**

_____ extra ws

_____ extra video

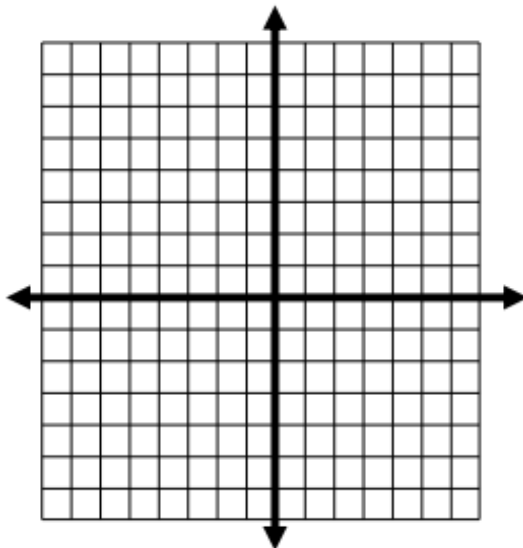
_____ pre-mc

_____ **mastery check**

Pre-mc:

1. Name the parent function, describe the transformation, and then graph.

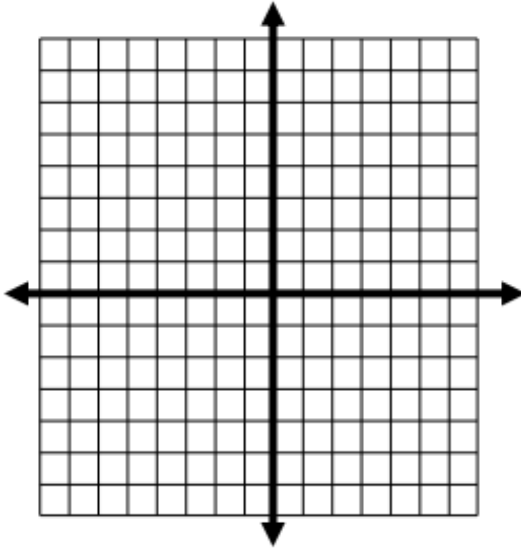
$$f(x) = |x - 1| + 2$$



Algebra 2

2. Name the parent function, describe the transformation, and then graph.

$$f(x) = -3x + 5$$



3. Given the parent function and the transformation, write the equation.

quadratic – horizontal shift left 4, vertical shift down 8, dilation of 1/2.