

Topic 3: F.BF 3 – Part 2 Exit Slip

Name _____ Period _____ Date _____

1. Write the interpretation and description of the transformation on the equation/graph of $f(x)$. Then graph the five functions on the grid provided.

$f(x) = 2x$

$g(x) = f(x) - 1$

$g(x) = f(x - 7)$

$g(x) = \frac{1}{4}f(x)$

$g(x) = f(-x)$

Interpretation

Description

2. $f(x) = x - 1$ is graphed on the grid. Points from the graph of $y = g(x)$ are graphed on the grid as well. Determine the correct equation for the graph of $g(x)$, circle it, and explain how you know it is correct.

$f(x) = x - 1$

$g(x) = f(x) + 3$

$g(x) = f(x) - 4$

$g(x) = f(x - 3)$

$g(x) = f(x + 4)$