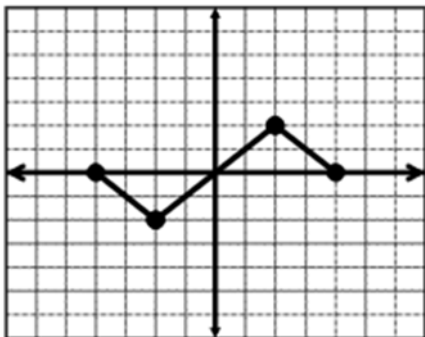


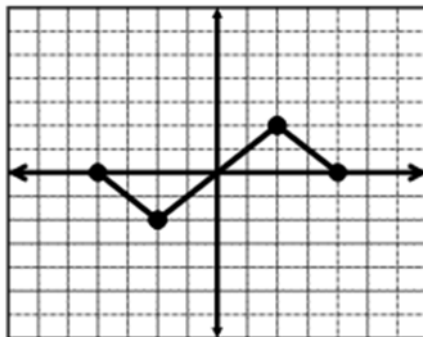
Transformations Review

1-6: Graph the function  $y = g(x)$ . 2 pts each

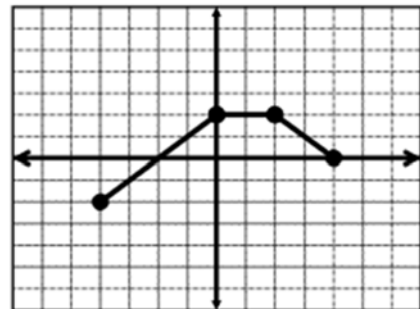
1.  $g(x) = 2f(x)$



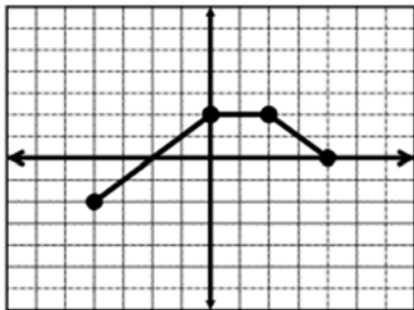
2.  $g(x) = f(x + 1) - 3$



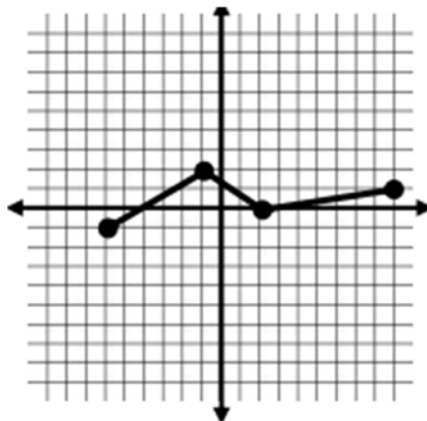
3.  $g(x) = f(2x) + 1$



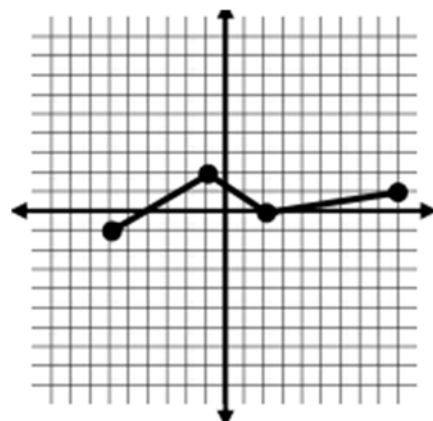
4.  $g(x) = -f(x - 2)$



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



6.  $g(x) = 3f(-x) + 2$



7-9: Describe each transformation in words. 2 pts. each

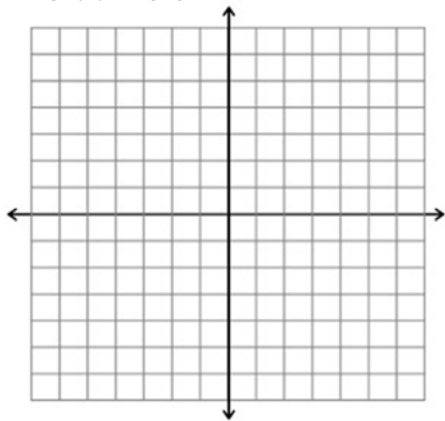
7.  $g(x) = f(-\frac{1}{3}x) + 4$

8.  $g(x) = \frac{1}{5}f(x) + 2$

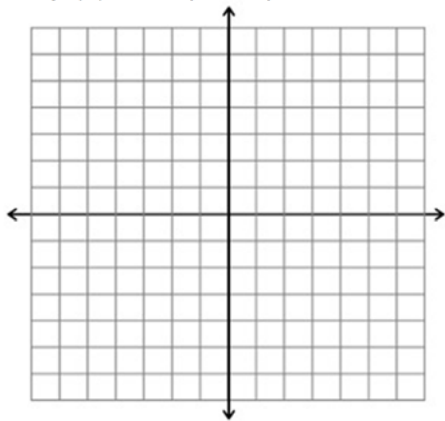
9.  $g(x) = -f(x) - 4$

10-15: Graph each absolute value function. 2 pts. each

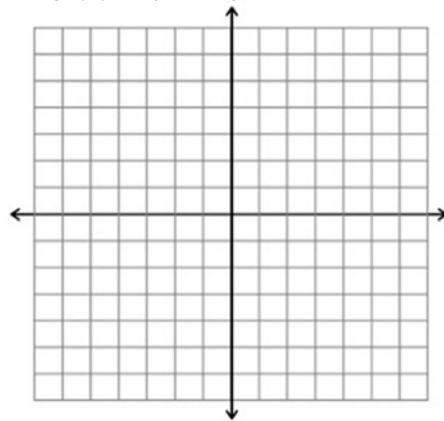
10.  $f(x) = |x| + 2$



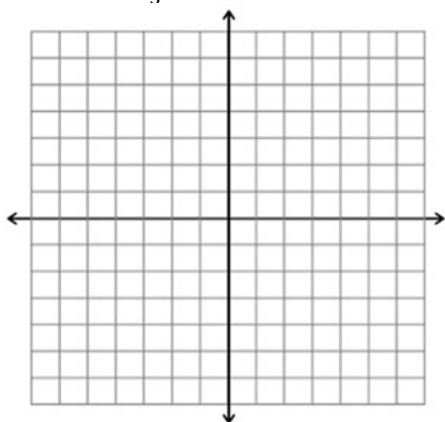
11.  $f(x) = -3|x - 1|$



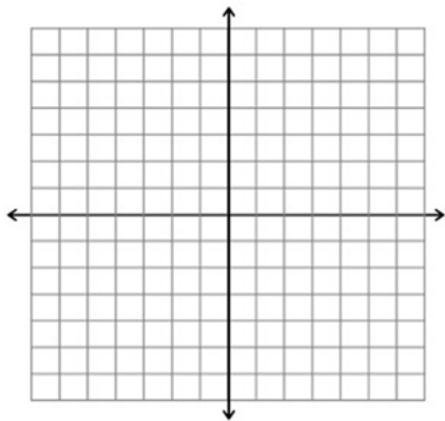
12.  $f(x) = |x + 3| - 1$



13.  $f(x) = \frac{1}{3}|x|$



14.  $f(x) = -|x + 1|$



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

