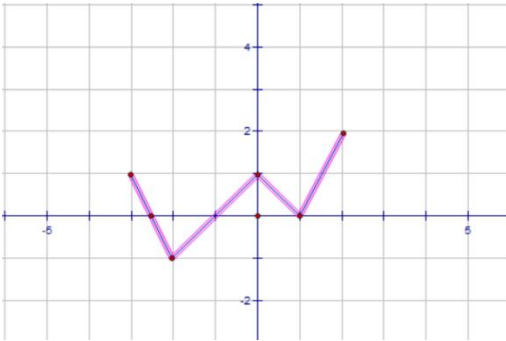


HONORS Transforming Arbitrary Functions PRACTICE!



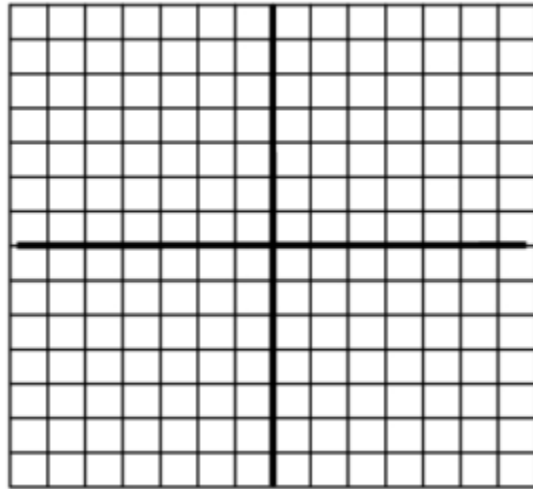
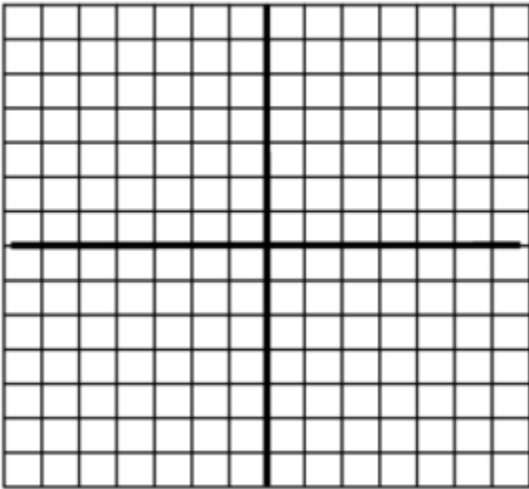
Use the following arbitrary function to transform each function as indicated.

[illegible]

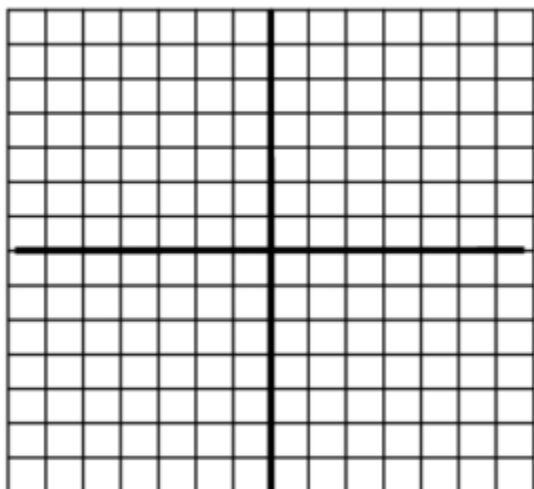
State the transformations of each function. Then sketch a graph of the transformed function. Make a table!

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

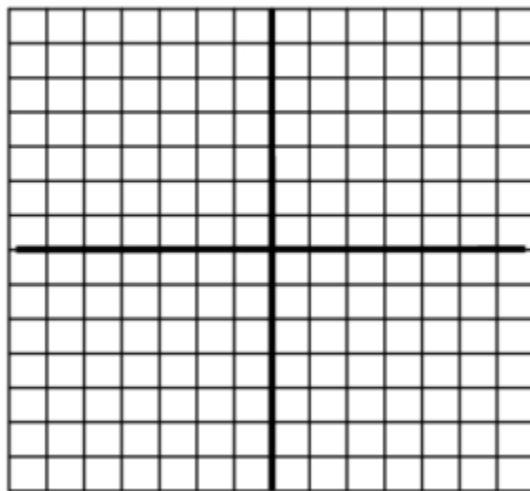
$$2) h(x) = f(x) + 1$$



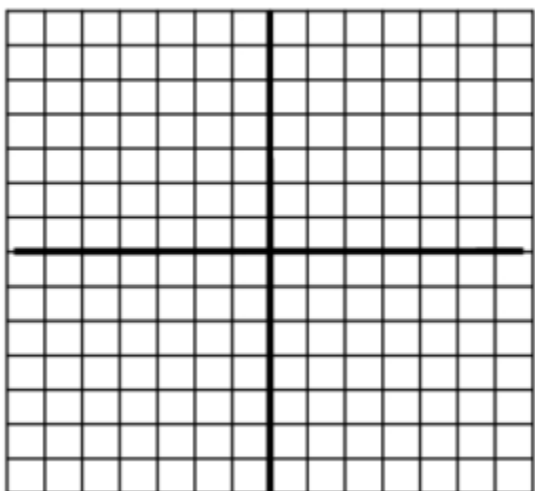
$$3) j(x) = 3f(x) - 2$$



$$4) k(x) = 2f(x + 3)$$



$$5) m(x) = -f(x) + 2$$



$$6) n(x) = -f(x - 1) + 2$$

