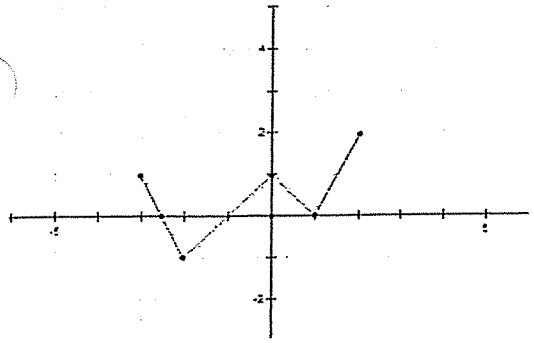
Name:

Transforming Arbitrary Functions PRACTICE II



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

x	Y

For 1-6: a) State what a, h, & k are, then describe the transformation(s) in words
b) Make a table (or 2 when needed) with the proper column headings.
c) Plot and connect the points of the final table.

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

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

c)

a) a= h= k=

Describe:

b)

c)

a) a= h= k=

Describe:

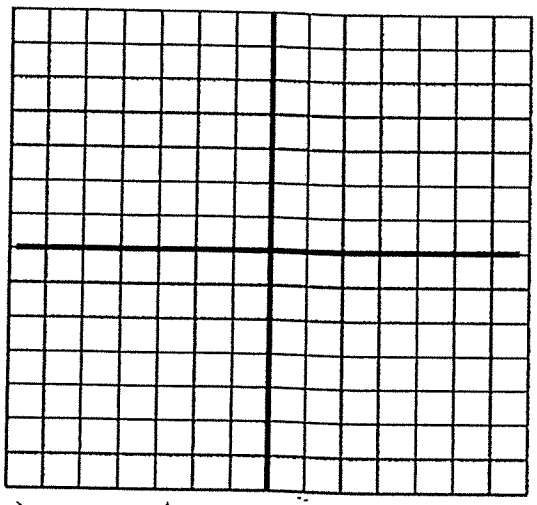
b)

a) a= h= k=

Describe:

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

c)



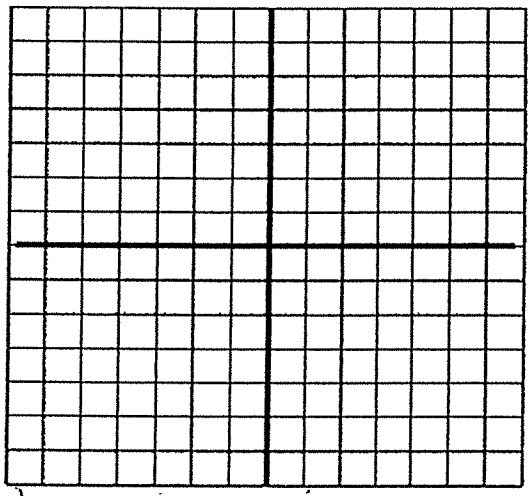
b)

a) a= h= k=

Describe

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

c)

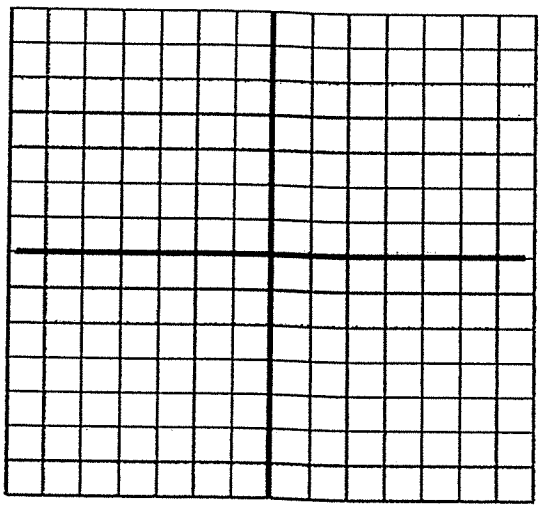


b)

5) $m(x) = -f(x) + 2$ a= h= k=

Describe:

c)

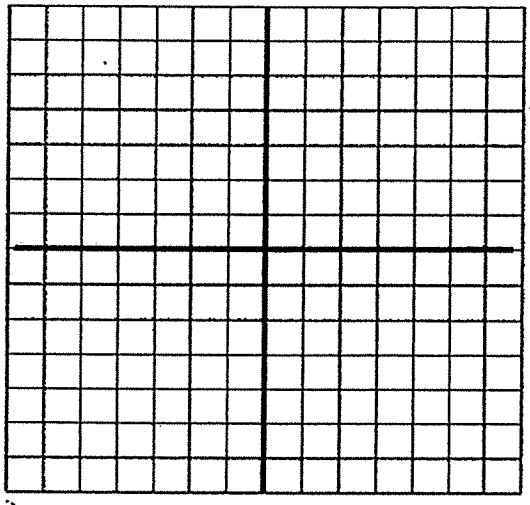


b)

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

Describe

c)



b)