

Review-

1. Given  $f(x) = 6x + 2$  and  $g(x) = 10 - 7x$  compute each of the following.

a)  $f(g(x))$

b)  $(g \circ f)(x)$

c)  $(f \circ f)(x)$

d)  $(g(g(x)))$

2) Create an inverse for the following function.

$x$	-2	-1	0	1	2
$f(x)$	-2	1	4	7	10


3) Use the functions  $f(x) = 8x - 3$ ,  $g(x) = x^2$ ,  $h(x) = 3x + 2$  to find the indicated values.

a)  $(f \circ g)(2)$

b)  $h^{-1}(10)$