

Directions: Use the given functions below to evaluate the following, if possible.

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

$$g(x) = x^2 + 4x + 1$$

$$h(x) = -6\left(\frac{1}{2}\right)^x$$

$$k(x) = 7 - 4x$$

1. $f(g(0)) =$

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

3. $h(k(2)) =$

4. $f(f(4)) =$

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

6. $(g \circ k)(1) =$

7. $(k \circ f)(-4) =$

8. $k(f(x)) =$

9. $f(k(x)) =$

10. $f(g(x)) =$

11. $(g \circ f)(x) =$

12. $k(k(x)) =$

13. $(g \circ f \circ h)(0) =$

14. $k(h(f(1))) =$

15. $(g \circ k \circ k)(1) =$