

Alg2b 7.6 Quiz Review

Date _____ Period _____

Perform the indicated operation.

1) $g(t) = 4t + 4$
 $h(t) = t^2 + 3$
Find $(g \circ h)(1)$

2) $g(t) = 2t - 2$
 $h(t) = 3t - 1$
Find $(g \cdot h)(t)$

3) $h(x) = 2x - 3$
 $g(x) = x^2 + 1$
Find $(h \circ g)(-3)$

4) $g(n) = n^2 - 5n$
 $h(n) = 3n + 1$
Find $\left(\frac{g}{h}\right)(n)$

5) $h(x) = 4x + 3$
 $g(x) = 4x - 3$
Find $(h - g)(x)$

6) $g(x) = 2x - 1$
 $h(x) = 2x + 5$
Find $(g \circ h)(-10)$