Exit Ticket- Function Composition   NAME_____HOUR_____

Use the given functions to perform the indicated operations.

$f(x) = 2x + 3$ $g(x) = 3x^2 + 1$ $h(x) = x^2 - 1$ $k(x) = 5x - 3$

1. $f(h(x))$ 2. $k(h(x))$

3. $f(k(x))$ 4. $f(g(x))$

5. $h(k(x)))$ 6. $g(f(x))$