

Directions: Complete the chart below using the process of evaluation or operations with functions. Must show work on a separate sheet of paper! Place your answers in the boxes provided.

Given Functions	a.) $2f(3) - 4g(-2)$	b.) $f(2x - 6)$	c.) $(f + g)(x)$	d.) $(f \cdot g)(x)$	e.) $(f/g)(x)$	f.) $(f \circ g)(x)$
1.) $f(x) = 4x + 3$ $g(x) = x - 2$						
2.) $f(x) = x - 3$ $g(x) = x^2 - 9$						
3.) $f(x) = x^2 + 2x$ $g(x) = -2x$						
4.) $f(x) = x^2 + 5x + 4$ $g(x) = x + 1$						
5.) $f(x) = x^2 - x - 6$ $g(x) = x^2 - 4x + 3$						