Functions: $f(x) = 2x^2 - x - 12$ $g(x) = x + 7$	**Evaluate each function using the functions given to the left.**	
	7. $(f + g)(-2)$	**8.** $(f - g)(8)$
	9. $(f \cdot g)(-1)$	**10.** $\left(\dfrac{f}{g}\right)(5)$

COMPOSITIONS
of Functions

Another method to combine functions is called a **composition.**
Given **$f(x)$** and **$g(x)$**, the **composite function $(f \circ g)(x)$** is defined as:

| | |

Functions: $f(x) = 5x - 3$ $g(x) = x - 1$ $h(x) = x^3 + 8$	**Find each function value using the functions given to the left.**	
	11. $(f \circ g)(x)$	**12.** $(g \circ h)(x)$
	13. $(h \circ g)(x)$	**14.** $(g \circ f)(x)$
	Using the same set of functions, evaluate each function.	
	15. $(g \circ f)(2)$	**16.** $(f \circ h)(-6)$