Cornell Notes	Topic/Objective: 2.1 Compositions	Name:
		Class/Period:
		Date:

Essential Question:

Compositions of Functions

- **Two notations:**

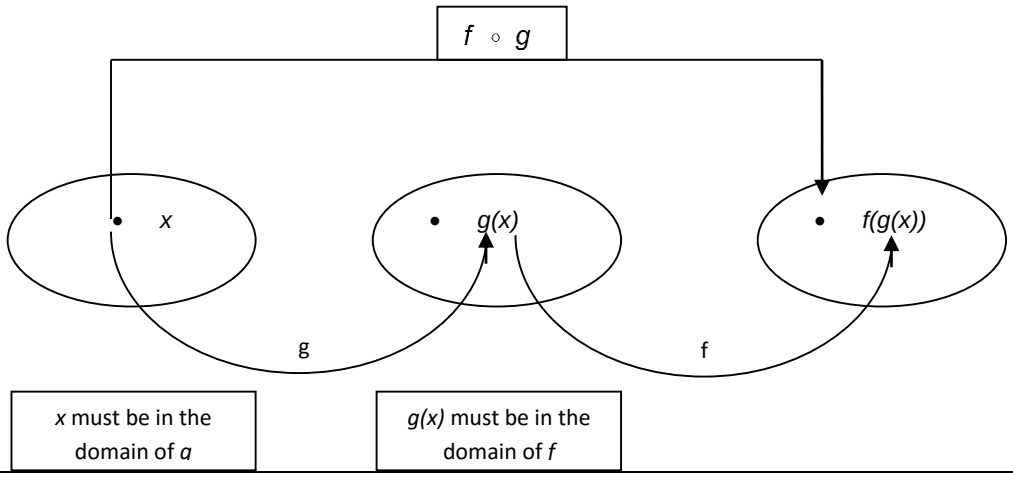
Example 1. If $f(x)=2x+1$ **and** $g(x)=x^2$**, find** $g(f(3))$ **and** $f(g(3))$**.**

**** If a pair of functions have a commutative relationship between their compositions, _____****

Example 2. If $f(x)=\dfrac{1}{x-1}$ **and** $g(x)=x+2$**, find…**

a. $f\circ g(1)$ **b.** $g\circ f(1)$

c. $f\circ g(x)$ **d.** $g\circ f(x)$



Summary:

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