Composition of Functions

Ways to show functions are being composed:

What does it mean to compose two functions?

Always start with the _____

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DANGER:

Example: f(x) = 2x+3 and $g(x) = x^2$



"x" is just a placeholder, and to avoid confusion let's just call it "input":

f(input) = 2(input)+3

 $g(input) = (input)^2$

So, let's start:

 $(g \circ f)(x) = g(f(x))$

First we apply f, then apply g to that result:

