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3. The range of one function becomes the domain of another function.

5. Sometimes the original functions have domain restrictions, so they need to be kept "legal".

$$11. f(g(-1)) = -2$$

$$12. f(g(2)) = -1$$

$$13. g(f(-2)) = 1$$

$$14. g(f(3)) = 2$$

$$15. f(g(1)) = -2$$

$$16. f(g(0)) = -3$$

$$17. g(f(2)) = 3$$

$$18. g(f(-3)) = 0$$

$$27. f(g(-7)) = 3$$

$$28. h(k(-15)) = -150$$

$$f(g(0)) = 9$$

$$h(k(-10)) = -90$$

$$f(g(4)) = 70$$

$$h(k(15)) = -300$$