

# Function Magic

**Source:** <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2004-07/0294.html>

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**Date:** 07/19/04

Date: 18 Jul 2004 17:34:34 -0700

Hello:

I have two function with the same domain, and a different ranges. Lets say they are  $f(a)=b$  , and  $g(a)=c$ . What I want is a new function such that  $h(b) = c$ . In other words  $h(f(a)) = c$ .

I am not a mathamtcian by any means, but I imagine there is a solution. I am just not sure about how to go about it. So, if someone can give me the methodology, I can make a run at starting to solve this.

ps: this is not homework ;)

John