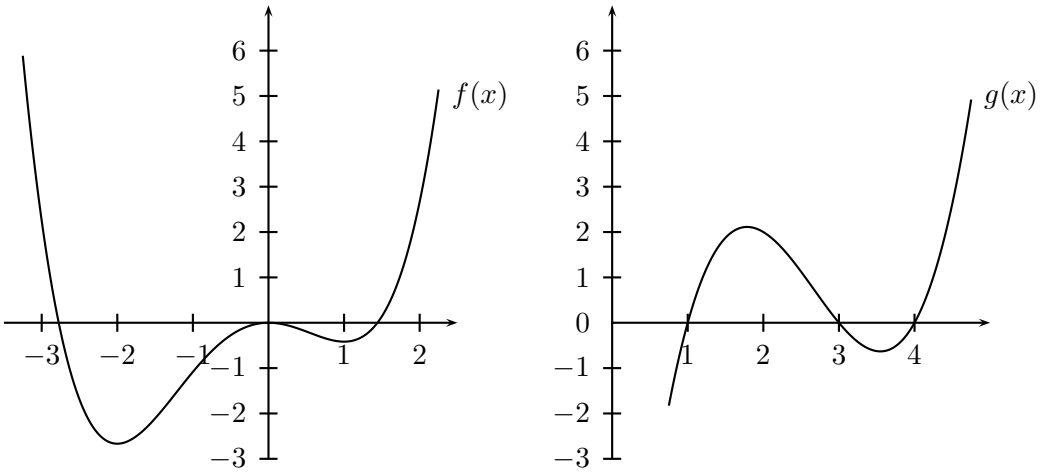
8. [10 points] The graphs of two functions f and g are shown below, along with a table of values for a function h.



x	-3	-2	-1	0	1	2	3
$h(x)$	15	2	-5	-6	-1	10	27

a. [4 points] Compute each of the following.

- $h(g(1)) =$ _____

- $f(1 + h(1)) =$ _____

b. [3 points] There exists a number B so that $f'(x) = g(x + B)$. Find B.

c. [3 points] Is it possible that $f'' = h$? Briefly justify your answer.