

5. (8 points) Below is a table of values for two functions f and g .

x	-2	-1.5	-1	-0.5	0	0.5	1	1.5	2
$f(x)$	-0.16	-0.284	-0.5	-0.64	0	0.64	0.5	0.28	0.16
$g(x)$	-0.88	-1.0888	-1	0.32	2	0.32	-1	-1.088	-0.88

Use the table to answer the following:

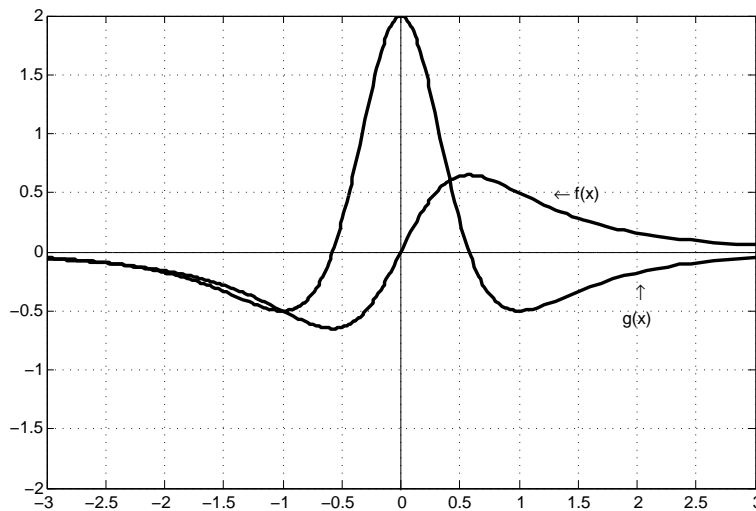
(a) $g(f(-1))$ _____

(c) $f(g(0))$ _____

(b) $3g(-1.5)$ _____

(d) $g(2)f(-1)$ _____

Below is a plot of the functions f and g .



(e) Circle **ONE** of the following

$$f(x) = g'(x) \quad \text{or} \quad g(x) = f'(x),$$

AND explain your reasoning below.