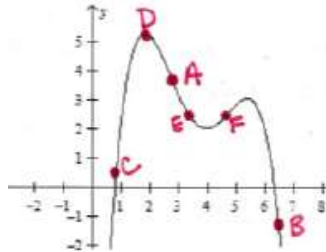


Practice

Q1- [2points]

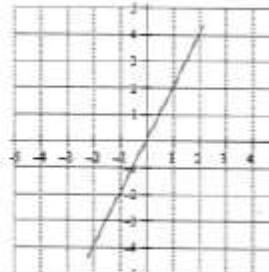
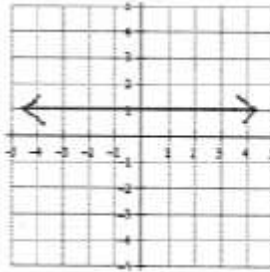
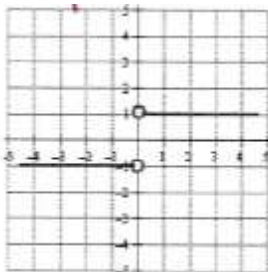
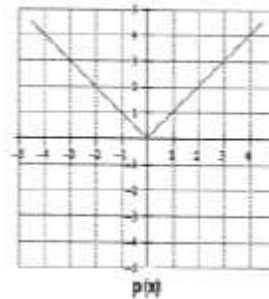
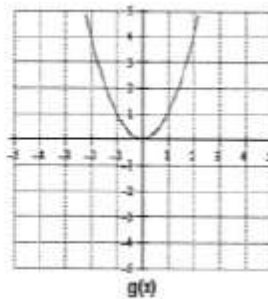
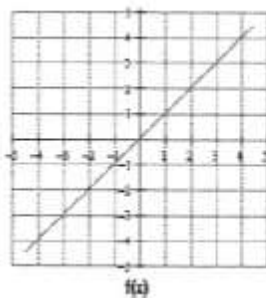


Match the points on the graph of $g(x)$ [write A, or B or C or D or E, or F in the second column]

g satisfies	Points on $g(x)$
$g'(x) > 0$	
$g(x) < 0$	
$g(x) > 0$	
$g'(x) = 0$ and $g''(x) < 0$	

(half point for each row correct)

Q2- [3points] Given below are the graphs of three functions $f(x)$, $g(x)$ and $p(x)$. Below those graphs are graphs of their derivatives $f'(x)$, $g'(x)$ and $p'(x)$. Label the graphs The graphs of $f'(x)$ are represented by the plots (a), (b), (c) and (d). Select the graphs below as $f'(x)$, $g'(x)$ and $p'(x)$.



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[1 pt for each case correct]