Solution

Q1- [2ponts]

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]

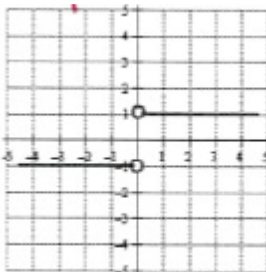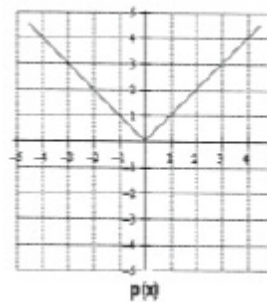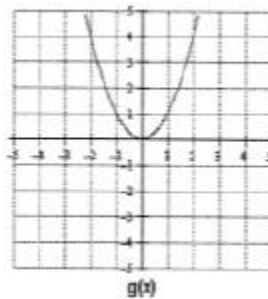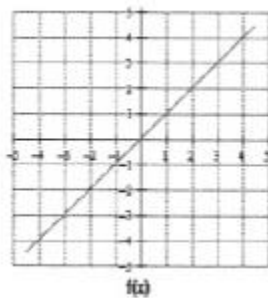| g satisfies	Points on g(x)
g'(x)>0	C, F
g(x) < 0	B
g (x) > 0	C,D,A,E,F
g'(x)=0 and g"(x)< 0	D

(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).
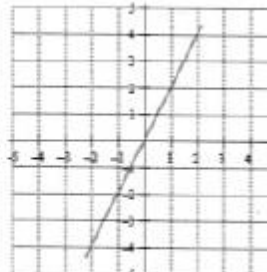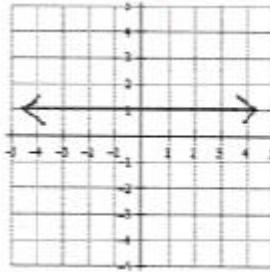
p'(X)   f '(x)   g '(x)   [1 pt for each case correct]