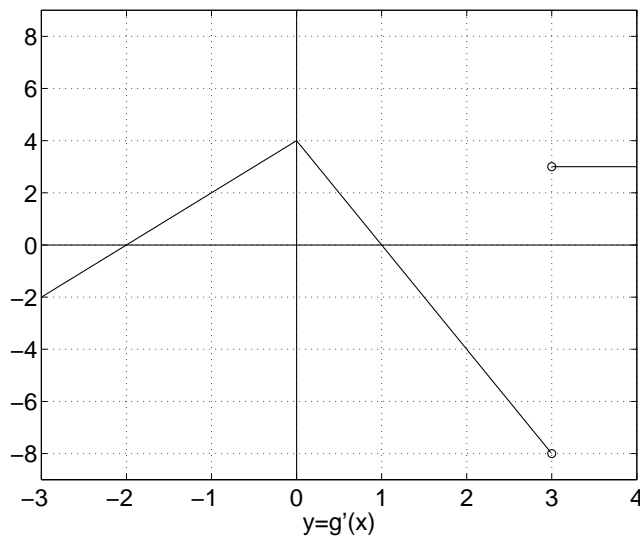
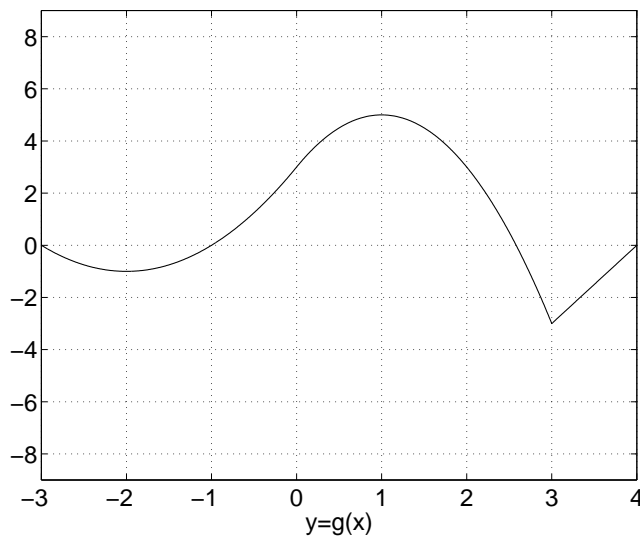


7. (12 points) (See Team problem 18 and problem 15 from Chapter 6, Section 1.) A function g is known to be continuous and the graph of its derivative, g' , for $-3 \leq x \leq 4$ is given in the following figure.



(a) Given that $g(-3) = 0$, sketch the graph of g on the axes provided below. In the space below the figure, give the coordinates of ALL *critical points* of g .



(b) Critical Points:

$$(-2, -1), \quad (1, 5) \quad (3, -3)$$