Due at the beginning (first 20 minutes) of the workshop on Monday, October 15

Please hand in Problem 2 from Workshop 5 and Homework 5 below separately. Each of these two assignments should be written neatly and stapled, and have your full name written in capital letters on the front page. Assignments that fail to satisfy these conditions may be disregarded. Provide full justifications (or show your work) for your statements. Solutions without justifications will receive little or no credit.

Hand in:
3.8: 12 (4 points=2 points for \( g(b) \), 2 points for \( g'(b) \), no partial credit within each of the 2 points), 24 (3 points), 34 (3 points)
3.9: 16 (3 points), 18 (3 points), 20 (3 points), 32 (3 points), 42 (3 points), 46 (6 points), 54 (3 points), 58 (3 points)
3.10: 28 (4 points), 32 (4 points), 40 (5 points)

Solve, but do not hand in:
3.8: 3, 4, 7, 8, 11, 15, 16, 19-22, 25-33, 35, 36, 41
3.10: 3-8, 9, 11, 15, 21, 23, 31, 33, 39, 41, 48, 61, 64

It is your duty to make sure that you understand why points were taken off your homework/workshop problem and what the correct solution in each case is. You should therefore analyze your graded assignments carefully and ask questions during the workshops and office hours.

\(^1\) Your workshop problems will be graded by your teaching assistant, while your homework will be graded by the peer mentor for your recitation.