Due February 15, beginning of class

Instructions: Show your work. An explicit, logical, and neat presentation of each solution is required. Numbered problems are from the text.

1. Section 2.4, Problem 8.

2. Section 2.4, Problem 10 (a) and (b). For this problem, the maximum point may be at the corners. To compute Lagrange multipliers at corner points, see example 2.5 (page 47-49) of the textbook.