MATH 151 Homework 16
Due 3/18

Read Sections 3.8 and 3.10.

Do Section 3.6 Exercise 60
Do Section 3.7 Exercises 46, 52
Do Section 3.8 Exercises 1, 7, 9, 13, 23, 38
Do Section 3.10 Exercises 1, 5, 31, 35, 41

Also, do the following exercises.

SF40. Find both lines that are tangent to both of the parabolas $y = -1 - x^2$ and $y = 1 + x^2$.
Find the coordinates of the points where these tangents touch the parabolas.