

## *Homework Set I*

**At the beginning of class on Friday, February 7, 2014, hand in your work on the following:**

Exercises at the end of A Brief Review of Elementary Ordinary Differential Equations:  
4a (for 10 pts.)

Exercises at the end of Chapt 30: 2a,d&g (for 10 pts. total)

Exercises at the end of Chapt 31: 5c, 6c (for 30 & 10 pts.)

Notes: **Read the instructions**, especially the last line in instruction ii for 5.

Also, "6c" means "Find each singular point, ... for the solution to 5c."

Exercises at the end of Chapt 33: 2a (for 10 pts.)

**Notes:** I do NOT want to see all your homework problems, and I do NOT want to have to figure out the answers you hurriedly scrawled out while you were also eating lunch! I also want space so that I can write comments if I feel so inclined. So please:

1. Only hand in the problems listed above, in the order given.
2. Rewrite neatly the problems that you are handing in, using a reasonably dark pen or pencil.
3. Leave at least a few lines between the problems.
4. Write on only one side of each sheet.

And, of course, as much as possible, show enough work so that it doesn't look like you've just copied the answers from the back of the book.

**I may take off points for failing to do the above!**