Please show **all** your work! Answers without supporting work will not be given credit. Each problem is worth 5 points.

## Name:

- $1. \ \, {\bf Section} \ \, 4.4 \ \, {\bf problem} \ \, 1$
- $2. \ \, {\bf Section} \,\, 4.4 \,\, {\bf problem} \,\, 3$
- $3. \ \ Section \ 4.4 \ problem \ 7$
- 4. Section 4.5 problem 2
- 5. Section 4.5 problem 4
- $6. \ \ Section \ 4.5 \ problem \ 7$
- 7. Section 5.2 problem 2
- 8. Section 5.2 problem 6