Please show all your work! Answers without supporting work will not be given credit. Each problem is worth 8 points.

Name:

- $1. \ \, {\bf Section} \,\, 5.3 \,\, {\bf problem} \,\, 2$
- 2. Section 5.3 problem 3
- $3. \ \ Section \ 5.3 \ problem \ 4$
- 4. Section 6.2 problem 1
- 5. Section 6.2 problem 2