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**Homework 4**

Due on Sept. 17 at 6pm

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**Question (100 points)** Work out the following problems with details:

1. (20 points) 5.8.1
2. (20 points) 5.8.2
3. (20 points) 5.8.4
4. (20 points) 5.8.6
5. (20 points) 5.8.7