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**Homework 3**

Due on Sept. 10 at 6pm

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

1. (15 points) 5.6.2
2. (15 points) 5.6.4
3. (20 points) 5.6.7
4. (15 points) 5.6.9
5. (15 points) 5.7.2
6. (20 points) 5.7.3