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**Homework 6**

Due on Oct. 01 at 6pm

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

1. (20 points) 6.5.1
2. (20 points) 6.5.2
3. (30 points) 6.5.5
4. (10 points) 7.3.11
5. (10 points) 7.4.12
6. (10 points) 7.5.16