

## M362K Homework Assignment #8

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Please, provide your complete solutions to the following problems. Final answers only, even if correct will earn zero points for those problems.

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**Problem 8.1.** ( $2 + 5 = 7$  points) Solve Problem **3.1.3** from the textbook (p.158).

**Problem 8.2.** ( $2 + 5 = 7$  points) Solve Problem **3.1.4** from the textbook (p.158).

**Problem 8.3.** (6 points) Solve Problem **3.1.5** from the textbook (p.159).

**Problem 8.4.** ( $5 + 5 + 5 = 15$  points) Solve Problem **3.1.6** from the textbook (p.159).

**Problem 8.5.** (3 points) Solve Problem **3.2.1** from the textbook (p.182).

**Problem 8.6.** ( $4 + 4 + 2 + 2 = 12$  points) Solve Problem **3.2.2** from the textbook (p.182).