

Math. Methods in Decision Making  
D Term, Sections D01-D02  
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### Decision Making Assignment 5

DUE DATE: Thursday, April 26, by 4pm in the course mailbox, SH108.

Please keep in mind that assignments not complying with the course format will be returned without credit.

- 1.) Problem # 5 on page 810
- 2.) Problem # 22 on page 574, **with the following modifications:**
  - Assume that the mean arrival rate is 20 customers an hour (not 24);
  - In models A and C (where each service window is staffed by one employee only), assume the average service time is 2.5 minutes (not 2);
  - In model B (where two employees are used at one service window), assume the average service time is 1.5 minutes (not 1.25).
- 3.) Problem # 23 on page 574. When referring to Problem 22, use the above data, not the numbers in the text.